



CLEAN WATER GROUP



GENERAL CATALOGUE



Wallace & Tiernan® water treatment and disinfection systems

Effective: January 2009

SIEMENS

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1 W&T Gas Feed Systems

1.10.10a Gas feed system, series V10k, manual feed rate control



1 W&T Gas Feed Systems 1.10.10a Gas feed system, series V10k, manual feed rate control

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.100.A	Gas feeder series V10k	C1				
	designed as remote vacuum gas control unit, for wall mounting, incl. standard accessories, manual control, comprising:					
	- V-notch control valve					
	- large size 5" rotameter with direct indication					
	- differential regulating valve to DIN 19606					
	- operating vacuum supply gauge					
02 AB	range: 1 - 22.5 g Cl2/h					
02 AC	range: 3 - 60 g Cl2/h					
02 AD	range: 10 - 200 g Cl2/h					
02 AE	range: 20 - 400 g Cl2/h					
02 AF	range: 30 - 600 g Cl2/h					
02 AG	range: 50 - 1000 g Cl2/h					
02 AH	range: 75 - 1500 g Cl2/h					
02 AJ	range: 100 - 2000 g Cl2/h					
02 AK	range: 0.15 - 3 kg Cl2/h					
02 AL	range: 0.2 - 4 kg Cl2/h					
02 AM	range: 0.25 - 5 kg Cl2/h					
02 AN	range: 0.3 - 6 kg Cl2/h					
02 AP	range: 0.4 - 8 kg Cl2/h					
02 AR	range: 0.5 - 10 kg Cl2/h					
02 AS	range: 1 - 15 kg Cl2/h					
02 KC	range: 2.4 - 48 g CO2/h					
02 KD	range: 8.0 - 160 g CO2/h					
02 KE	range: 16 - 320 g CO2/h					
02 KF	range: 24 - 480 g CO2/h					
02 KG	range: 40 - 800 g CO2/h					
02 KH	range: 60 - 1200 g CO2/h					
02 KJ	range: 80 - 1600 g CO2/h					
02 KK	range: 0.12 - 2.4 kg CO2/h					
02 KL	range: 0.16 - 3.2 kg CO2/h					
02 KM	range: 0.20 - 4.0 kg CO2/h					
02 KN	range: 0.24 - 4.8 kg CO2/h					
02 KP	range: 0.32 - 6.4 kg CO2/h					
02 KR	range: 0.40 - 8.0 kg CO2/h					
02 NC	range: 1.5 - 30 g NH3/h					
02 ND	range: 5.0 - 100 g NH3/h					
02 NE	range: 10 - 200 g NH3/h					
02 NF	range: 15 - 300 g NH3/h					
02 NG	range: 25 - 500 g NH3/h					
02 NH	range: 37 - 740 g NH3/h					
02 NJ	range: 50 - 1000 g NH3/h					
02 NK	range: 0.075 - 1.5 kg NH3/h					
02 NL	range: 0.100 - 2.0 kg NH3/h					
02 NM	range: 0.125 - 2.5 kg NH3/h					
02 NN	range: 0.150 - 3.0 kg NH3/h					
02 NP	range: 0.200 - 4.0 kg NH3/h					
02 NR	range: 0.250 - 5.0 kg NH3/h					
02 SC	range: 3 - 60 g SO2/h					
02 SD	range: 10 - 200 g SO2/h					
02 SE	range: 20 - 400 g SO2/h					
02 SF	range: 30 - 600 g SO2/h					
02 SG	range: 50 - 1000 g SO2/h					
02 SH	range: 75 - 1500 g SO2/h					
02 SJ	range: 0.10 - 2.0 kg SO2/h					
02 SK	range: 0.15 - 3.0 kg SO2/h					
02 SL	range: 0.20 - 4.0 kg SO2/h					
02 SM	range: 0.25 - 5.0 kg SO2/h					
02 SN	range: 0.30 - 6.0 kg SO2/h					
02 SP	range: 0.40 - 8.0 kg SO2/h					
02 SR	range: 0.50 - 10 kg SO2/h					
04 AB	connection gas entry: PE hose 1/4" x 3/8"					
04 AD	connection gas entry: PE hose 3/8" x 1/2"					
04 AE	connection gas entry: PE hose 12x2 mm					
04 AF	connection gas entry: PVC pipe DN 10					
04 AG	connection gas entry: PVC pipe DN 15					
05 AB	outlet connection: PE hose 1/4" x 3/8"					
05 AD	outlet connection: PE hose 3/8" x 1/2"					
05 AE	outlet connection: PE hose 12x2 mm					
05 AF	outlet connection: PVC socket DN 10					
05 AG	outlet connection: PVC socket DN 15					

Prices: ex works, excluding packing and VAT
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Effective: January 2009
 1.10.10a 1/2

1 W&T Gas Feed Systems 1.10.10a Gas feed system, series V10k, manual feed rate control

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	For detailed technical information see publication TI25.100.01DE					
IM.025.100DD	Instruction manual V10k manual control, Cl2-feeder, German	NT				
IM.025.100DE	Instruction manual V10k manual control, Cl2-feeder, English	NT				
IM.025.100DF	Instruction manual V10k manual control, Cl2-feeder French	NT				
IM.025.110DD	Instruction manual V10k manual control, CO2-feeder, German	NT				
IM.025.110DE	Instruction manual V10k manual control, CO2-feeder, English	NT				
IM.025.110DF	Instruction manual V10k manual control, CO2-feeder, French	NT				
IM.025.120DD	Instruction manual V10k manual control, SO2-feeder, German	NT				
IM.025.120DE	Instruction manual V10k manual control, SO2-feeder English	NT				
IM.025.120DF	Instruction manual, V10k manual control, SO2-feeder French	NT				
IM.025.130DD	Instruction manual V10k manual control, NH3-feeder, German	NT				
IM.025.130DE	Instruction manual V10k manual control, NH3-feeder, English	NT				
IM.025.130DF	Instruction manual V10k manual control, NH3-feeder, French	NT				
AAA5452	Concise instructions V10k, German	NT				
AAA5566	Concise instructions V10k, English	NT				
AAA5569	Concise instructions V10k, French	NT				
MAE1004	Manufacturer declaration Gas feed system V10k	ZA				

1 W&T Gas Feed Systems

1.10.10b Gas feed system, series V10k, automatic feed rate control



1 W&T Gas Feed Systems 1.10.10b Gas feed system, series V10k, automatic feed rate control

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.100.B	Gas feeder Series V10k designed as remote vacuum gas control unit, for wall mounting, incl. standard accessories, automatic control, incorporating: - V-notch control valve - differential regulating valve to DIN 19606 - operating vacuum supply gauge - electric positioner with manual/automatic change-over and 3 volt-free alarm contacts (manual operation/Min.-and Max pos.), IP 65 power supply: 230 V, 50/60 Hz - large size 5" rotameter with direct indication - completely installed on a wall panel	C1				
02 BB	range: 1 - 22.5 g Cl2/h					
02 BC	range: 3 - 60 g Cl2/h					
02 BD	range: 10 - 200 g Cl2/h					
02 BE	range: 20 - 400 g Cl2/h					
02 BF	range: 30 - 600 g Cl2/h					
02 BG	range: 50 - 1000 g Cl2/h					
02 BH	range: 75 - 1500 g Cl2/h					
02 BJ	range: 100 - 2000 g Cl2/h					
02 BK	range: 0.15 - 3 kg Cl2/h					
02 BL	range: 0.2 - 4 kg Cl2/h					
02 BM	range: 0.25 - 5 kg Cl2/h					
02 BN	range: 0.3 - 6 kg Cl2/h					
02 BP	range: 0.4 - 8 kg Cl2/h					
02 BR	range: 0.5 - 10 kg Cl2/h					
02 BS	range: 1 - 15 kg Cl2/h					
02 BY	without flowmeter					
02 KC	range: 2.4 - 48 g CO2/h					
02 KD	range: 8.0 - 160 g CO2/h					
02 KE	range: 16 - 320 g CO2/h					
02 KF	range: 24 - 480 g CO2/h					
02 KG	range: 40 - 800 g CO2/h					
02 KH	range: 60 - 1200 g CO2/h					
02 KJ	range: 80 - 1600 g CO2/h					
02 KK	range: 0.12 - 2.4 kg CO2/h					
02 KL	range: 0.16 - 3.2 kg CO2/h					
02 KM	range: 0.20 - 4.0 kg CO2/h					
02 KN	range: 0.24 - 4.8 kg CO2/h					
02 KP	range: 0.32 - 6.4 kg CO2/h					
02 KR	range: 0.40 - 8.0 kg CO2/h					
02 NC	range: 1.5 - 30 g NH3/h					
02 ND	range: 5.0 - 100 g NH3/h					
02 NE	range: 10 - 200 g NH3/h					
02 NF	range: 15 - 300 g NH3/h					
02 NG	range: 25 - 500 g NH3/h					
02 NH	range: 37 - 740 g NH3/h					
02 NJ	range: 50 - 1000 g NH3/h					
02 NK	range: 0.075 - 1.5 kg NH3/h					
02 NL	range: 0.100 - 2.0 kg NH3/h					
02 NM	range: 0.125 - 2.5 kg NH3/h					
02 NN	range: 0.150 - 3.0 kg NH3/h					
02 NP	range: 0.200 - 4.0 kg NH3/h					
02 NR	range: 0.250 - 5.0 kg NH3/h					
02 SC	range: 3 - 60 g SO2/h					
02 SD	range: 10 - 200 g SO2/h					
02 SE	range: 20 - 400 g SO2/h					
02 SF	range: 30 - 600 g SO2/h					
02 SG	range: 50 - 1000 g SO2/h					
02 SH	range: 75 - 1500 g SO2/h					
02 SJ	range: 0.10 - 2.0 kg SO2/h					
02 SK	range: 0.15 - 3.0 kg SO2/h					
02 SL	range: 0.20 - 4.0 kg SO2/h					
02 SM	range: 0.25 - 5.0 kg SO2/h					
02 SN	range: 0.30 - 6.0 kg SO2/h					
02 SP	range: 0.40 - 8.0 kg SO2/h					
02 SR	range: 0.50 - 10 kg SO2/h					

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Effective: January 2009
1.10.10b 1/4

1 W&T Gas Feed Systems 1.10.10b Gas feed system, series V10k, automatic feed rate control

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
03 BB	control range: 1 - 22.5 g C12/h					
03 BC	control range: 3 - 60 g C12/h					
03 BD	control range: 10 - 200 g C12/h					
03 BE	control range: 20 - 400 g C12/h					
03 BF	control range: 30 - 600 g C12/h					
03 BG	control range: 50 - 1000 g C12/h					
03 BH	control range: 75 - 1500 g C12/h					
03 BJ	control range: 100 - 2000 g C12/h					
03 BK	control range: 0.15 - 3 kg C12/h					
03 BL	control range: 0.20 - 4 kg C12/h					
03 BM	control range: 0.25 - 5 kg C12/h					
03 BN	control range: 0.30 - 6 kg C12/h					
03 BP	control range: 0.40 - 8 kg C12/h					
03 BR	control range: 0.50 - 10 kg C12/h					
03 BS	control range: 1.00 - 15 kg C12/h					
03 FA	V-notch plug pool-version: 3- 60 g C12/h shock chlorination: 120 g C12/h					
03 FB	V-notch plug pool-version: 10- 200 g C12/h shock chlorination: 400 g C12/h					
03 FC	V-notch plug pool-version: 20- 400 g C12/h shock chlorination: 800 g C12/h					
03 FD	V-notch plug pool-version: 30- 600 g C12/h shock chlorination: 1200 g C12/h					
03 FE	V-notch plug pool-version: 50-1000 g C12/h shock chlorination: 2000 g C12/h					
03 FF	V-notch plug pool-version: 75-1500 g C12/h shock chlorination: 3000 g C12/h					
03 FG	V-notch plug pool-version: 100-2000 g C12/h shock chlorination: 4000 g C12/h					
03 FH	V-notch plug pool-version: 0.15-3 kg C12/h shock chlorination: 6 kg C12/h					
03 FI	V-notch plug pool-version: 0.20-4 kg C12/h shock chlorination: 8 kg C12/h					
03 FJ	V-notch plug pool-version: 0.25-5 kg C12/h shock chlorination: 10 kg C12/h					
03 KC	control range: 24 - 480 g CO2/h					
03 KD	control range: 8 - 160 g CO2/h					
03 KE	control range: 16 - 320 g CO2/h					
03 KF	control range: 24 - 480 g CO2/h					
03 KG	control range: 40 - 800 g CO2/h					
03 KH	control range: 60 - 1200 g CO2/h					
03 KJ	control range: 80 - 1600 g CO2/h					
03 KK	control range: 0.12 - 2.4 kg CO2/h					
03 KL	control range: 0.16 - 3.2 kg CO2/h					
03 KM	control range: 0.20 - 4.0 kg CO2/h					
03 KN	control range: 0.24 - 4.8 kg CO2/h					
03 KP	control range: 0.32 - 6.4 kg CO2/h					
03 KR	control range: 0.40 - 8.0 kg CO2/h					
03 NC	control range: 1.5 - 30 g NH3/h					
03 ND	control range: 5 - 100 g NH3/h					
03 NE	control range: 10 - 200 g NH3/h					
03 NF	control range: 15 - 300 g NH3/h					
03 NG	control range: 25 - 500 g NH3/h					
03 NH	control range: 37 - 740 g NH3/h					
03 NJ	control range: 50 - 1000 g NH3/h					
03 NK	control range: 0.075 - 1.5 kg NH3/h					
03 NL	control range: 0.1 - 2 kg NH3/h					
03 NM	control range: 0.12 - 2.5 kg NH3/h					
03 NN	control range: 0.15 - 3 kg NH3/h					
03 NP	control range: 0.20 - 4 kg NH3/h					
03 NR	control range: 0.25 - 5 kg NH3/h					
03 SC	control range: 3 - 60 g SO2/h					
03 SD	control range: 10 - 200 g SO2/h					
03 SE	control range: 20 - 400 g SO2/h					
03 SF	control range: 30 - 600 g SO2/h					
03 SG	control range: 50 - 1000 g SO2/h					
03 SH	control range: 75 - 1500 g SO2/h					
03 SJ	control range: 100 - 2000 g SO2/h					
03 SK	control range: 0.15 - 3 kg SO2/h					
03 SL	control range: 0.20 - 4 kg SO2/h					
03 SM	control range: 0.25 - 5 kg SO2/h					
03 SN	control range: 0.30 - 6 kg SO2/h					
03 SP	control range: 0.40 - 8 kg SO2/h					
03 SR	control range: 0.50 - 10 kg SO2/h					

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Effective: January 2009
1.10.10b 2/4

1 W&T Gas Feed Systems 1.10.10b Gas feed system, series V10k, automatic feed rate control

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
04 BB	connection gas entry: PE hose 1/4" x 3/8"					
04 BD	connection gas entry: PE hose 3/8 x 1/2"					
04 BE	connection gas entry: PE hose 12x2 mm					
04 BF	connection gas entry: PVC socket DN 10					
04 BG	connection gas entry: PVC socket DN 15					
05 BB	outlet connection: PE hose 1/4" x 3/8"					
05 BD	outlet connection: PE hose 3/8" x 1/2"					
05 BE	outlet connection: PE hose 12x2 mm					
05 BF	outlet connection: PVC socket DN 10					
05 BG	outlet connection: PVC socket DN 15					
10 BB	power supply: 230 V, 50/60 Hz					
10 BD	power supply: 115 V, 50/60 Hz					
	For detailed technical information see publication TI25.100.02DE					
IM.025.101DD	Instruction manual V10k automatic control, Cl2-feeder, German	NT				
IM.025.101DE	Instruction manual V10k automatic control, Cl2-feeder, English	NT				
IM.025.101DF	Instruction manual V10k automatic control, Cl2-feeder, French	NT				
IM.025.111DD	Instruction manual V10k automatic control, CO2-feeder, German	NT				
IM.025.111DE	Instruction manual V10k automatic control, CO2-feeder, English	NT				
IM.025.111DF	Instruction manual V10k automatic control, CO2-feeder, French	NT				
IM.025.121DD	Instruction manual V10k automatic control, SO2-feeder, German	NT				
IM.025.121DE	Instruction manual V10k automatic control, SO2-feeder, English	NT				
IM.025.121DF	Instruction manual V10k automatic control, SO2-feeder, French	NT				
IM.025.131DD	Instruction manual V10k automatic control, NH3-feeder, German	NT				
IM.025.131DE	Instruction manual V10k automatic control, NH3, English	NT				
IM.025.131DF	Instruction manual V10k automatic control, NH3-feeder, French	NT				
AAA5452	Concise instructions V10k, German	NT				
AAA5566	Concise instructions V10k, English	NT				
AAA5569	Concise instructions V10k, French	NT				
MAE1004	Manufacturer declaration	ZA				

1 W&T Gas Feed Systems 1.10.10b Gas feed system, series V10k, automatic feed rate control

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC8965	Ratio control unit Retrofit kit for direct control of positioner type UX-96285 via a 4-20 mA signal. 230 VAC, 50/60 Hz, 2 VA	C1				
AAC8968	Ratio control unit Retrofit kit for direct control of positioner type UX-96285 via a 4-20 mA signal. 115 VAC, 50/60 Hz, 2 VA	C1				
IM.040.050DD	Instruction manual Control of positioner, German	NT				
IM.040.050DE	Instruction manual Control of positioner, English	NT				
IM.040.050DF	Instruction manual Control of positioner, French	NT				

1 W&T Gas Feed Systems

1.10.20 Gas feed system S10k



1 W&T Gas Feed Systems 1.10.20 Gas feed system S10k

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC2521	Vacuum regulator S10k designed to reduce full supply pressure to operating vacuum, incorporating: - gas filter - visual indication for gas container status - integrated safety vent valve - union nut SF 26x3 - pressure gauge 0-12 bar - for PE hose 1/4"x3/8"	C1				
AAB9559	Vacuum regulator S10k ditto, but - pressure gauge 0-12 bar - for PE hose 3/8"x1/2"	C1				
AAD1255	Vacuum regulator S10k ditto, but - pressure gauge 0-12 bar - for PE hose 1/4"x3/8" - incl. orifice, inner diameter 1.0	C1				
AAE1093	Vacuum regulator S10k ditto, but - pressure gauge 0-12 bar - for PE hose 1/4"x3/8" - incl. orifice, inner diameter 1.5	C1				
AAC2527	Vacuum regulator S10k ditto, but - contact pressure gauge 0-12 bar - for PE hose 1/4"x3/8"	C1				
AAD8944	Vacuum regulator S10k ditto, but - contact pressure gauge 0-12 bar - for PE hose 1/4"x3/8" - incl. orifice, inner diameter 1.0	C1				
AAE1090	Vacuum regulator S10k ditto, but - contact pressure gauge 0-12 bar - for PE hose 1/4"x3/8" - incl. orifice, inner diameter 1.5	C1				
AAB9403	Vacuum regulator S10k with automatic switchover function designed to reduce full supply pressure to operating vacuum, capacity max. 10 kg/h Cl2-gas incorporating: - gas filter - visual indication for gas container status - integrated safety vent valve - union nut SF 26x3 - pressure gauge 0-12 bar - for PE hose 1/4"x3/8"	C1				
AAB9409	Vacuum regulator S10k ditto, but - pressure gauge 0-12 bar - for PE hose 3/8"x1/2"	C1				
AAB9400	Vacuum regulator S10k ditto, but - contact pressure gauge 0-12 bar - for PE hose 1/4"x3/8"	C1				
AAC2542	Vacuum regulator S10k ditto, but - contact pressure gauge 0-12 bar - for PE hose 3/8"x1/2"	C1				

1 W&T Gas Feed Systems 1.10.20 Gas feed system S10k

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB8611	Set of accessories for vacuum regulator S10k ***** * ATTENTION! * * For each vacuum regulator * * 1 set of accessories is required! * *****	C2				
AAA4699	Electric heater 115 V / 230 V	C2				
AAC2500	Adapter Kit for vacuum regulator S10k for connection to a French chlorine ton container, with heater and liquid trap Conn. thread: M26 x 3 Power supply: 230 / 115 VAC Power cons.: 15 / 3,75 W	C2				
U-95314	Tee hose coupling for automatic switch-over system PVC, for PE hose 1/4" x 3/8"	C2				
U-96062	Tee hose coupling for automatic switch-over system PVC, for PE hose 3/8" x 1/2"	C2				
AAA9235	Gas control unit S10k for 3" rotameter, PE hose 1/4"x3/8"	C1				
AAC4252	Gas control unit S10k for 3" rotameter, PE hose 3/8"x1/2"	C1				
UXA-91767	Flowmeter size 3", 2 - 25 g/h C12	C1				
AAA4948	Flowmeter size 3", 3 - 60 g/h C12	C1				
UXB-91767	Flowmeter size 3", 5 - 100 g/h C12	C1				
AAA4951	Flowmeter size 3", 10 - 200 g/h C12	C1				
UXF-91767	Flowmeter size 3", 15 - 300 g/h C12	C1				
AAA4954	Flowmeter size 3", 20 - 400 g/h C12	C1				
UXC-91767	Flow meter size 3", 25 - 500 g/h C12	C1				
AAA4957	Flowmeter size 3", 30 - 600 g/h C12	C1				
UXD-91767	Flowmeter size 3", 50 - 1000 g/h C12	C1				
AAA4963	Flowmeter size 3", 75 - 1500 g/h CL2	C1				
UXE-91767	Flowmeter size 3", 100 - 2000 g/h C12	C1				
UXG-91767	Flowmeter size 3", 150 - 3000 g/h C12	C1				

1 W&T Gas Feed Systems 1.10.20 Gas feed system S10k

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXH-91767	Flowmeter size 3", 200 - 4000 g/h Cl2	C1				
UXA-96572	Set of connections for multiple rotameter assemblies for PE hose 1/4" x 3/8"	H1				
UXB-96572	Set of connections for multiple rotameter assemblies for PE hose 3/8" x 1/2"	H1				
RP-684818	PE hose 1/4" x 3/8"	H1				
RP-684821	PE hose 3/8" x 1/2"	H1				
IM.025.200DD	Instruction manual S10k German	NT				
IM.025.200DE	Instruction manual S10k English	NT				
IM.025.200DF	Instruction manual S10k French	NT				
AAD6049	Concise instructions S10k	NT				

1 W&T Gas Feed Systems

1.10.25 CO2 Gas metering unit

1 W&T Gas Feed Systems 1.10.25 CO2 Gas metering unit

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC5647	Gas Metering Unit for CO2, operating under vacuum, installed on wall mounting panel, with PE hose connections 3/8" x 1/2", consisting of: - gas control unit S10K - PVC control valve (CO2 basic load) - solenoid valve installed in a bypass line for automating the CO2 feed proportional to the continuous pH-measurement, DN 6, 230 V, 50 Hz cpl.with union connections for the vacuum manifold/distribution hoses	C2				
AAC5623	Flowmeter size 5", 24 - 480 g/h CO2 incl. spring	C2				
AAC5626	Flowmeter size 5", 40 - 800 g/h CO2 incl. spring	C2				
AAC5629	Flowmeter size 5", 80 - 1600 g/h CO2 incl. spring	C2				
AAC5632	Flowmeter size 5", 120 - 2400 g/h CO2 incl. spring	C2				
BA-80061-D	Instruction manual CO2 Gas supply, German	NT				
BA-10143-D	Instruction manual CO2 Gas metering unit, German	NT				

1 W&T Gas Feed Systems

1.10.30 Gas feeder, series V-2020

installed in a fibre glass reinforced polyester cabinet, for floor mounting, operating on the all vacuum principle (DIN 19606), incl. standard accessories, incorporating;

- differential regulating valve
- safety drain valve
- drain relief valve
- V-notch control valve
- rotameter
- vacuum supply gauge
- injector vacuum gauge



1 W&T Gas Feed Systems 1.10.30 Gas feeder, series V-2020

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.2020.A	Gas Feeder Type V-2020 manual adjustment	C2				
04 IB	capacity max.: 5 kg/h C12					
04 IC	capacity max.: 10 kg/h C12					
04 ID	capacity max.: 20 kg/h C12					
04 IE	capacity max.: 30 kg/h C12					
04 IF	capacity max.: 40 kg/h C12					
04 IG	capacity max.: 60 kg/h C12					
04 IH	capacity max.: 9 kg/h SO2					
04 II	capacity max.: 18 kg/h SO2					
04 IJ	capacity max.: 28 kg/h SO2					
04 IK	capacity max.: 36 kg/h SO2					
04 IL	capacity max.: 54 kg/h SO2					
04 IM	capacity max.: 4.5 kg/h NH3					
04 IN	capacity max.: 9 kg/h NH3					
04 IP	capacity max.: 14 kg/h NH3					
04 IQ	capacity max.: 18 kg/h NH3					
04 IR	capacity max.: 27 kg/h NH3					
13 0	without vacuum switch					
13 VS	with vacuum switch					
N.2020.B	Gas Feeder Type V-2020 automatic adjustment	C2				
04 IB	capacity max.: 5 kg/h C12					
04 IC	capacity max.: 10 kg/h C12					
04 ID	capacity max.: 20 kg/h C12					
04 IE	capacity max.: 30 kg/h C12					
04 IF	capacity max.: 40 kg/h C12					
04 IG	capacity max.: 60 kg/h C12					
04 IH	capacity max.: 9 kg/h SO2					
04 II	capacity max.: 18 kg/h SO2					
04 IJ	capacity max.: 28 kg/h SO2					
04 IK	capacity max.: 36 kg/h SO2					
04 IL	capacity max.: 54 kg/h SO2					
04 IM	capacity max.: 4.5 kg/h NH3					
04 IN	capacity max.: 9 kg/h NH3					
04 IP	capacity max.: 14 kg/h NH3					
04 IQ	capacity max.: 18 kg/h NH3					
04 IR	capacity max.: 27 kg/h NH3					
11 115	power supply: 115 V, 50/60 Hz					
11 230	power supply: 230 V, 50/60 Hz					
13 0	without vacuum switch					
13 VS	with vacuum switch					
<p>***** * medium CO2 consult! * *****</p> <p>For detailed technical information see publication PR-10036-E</p>						

1 W&T Gas Feed Systems 1.10.30 Gas feeder, series V-2020

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BA-10036-D	Instruction manual for V-2020, German	NT				
BA-10036-E	Instruction manual for V-2020, English	NT				
BA-10036-F	Instruction manual for V-2020, French	NT				
MRE4336	Manufacturer declaration	ZA				

1 W&T Gas Feed Systems

1.10.40 Gas feeder, series V-2030

installed in a fibre glass reinforced polyester cabinet, for floor mounting, operating on the all vacuum principle (DIN 19606), incl. standard accessories, incorporating;

- differential regulating valve
- vacuum breaker
- drain relief valve
- V-notch control valve
- rotameter
- vacuum supply gauge
- injector vacuum gauge



1 W&T Gas Feed Systems 1.10.40 Gas feeder, series V-2030

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.2030.A	Gas Feeder Series V-2030	C2				
	manual adjustment					
04 NB	capacity: max. 20 kg/h C12					
04 NC	capacity: max. 40 kg/h C12					+
04 ND	capacity: max. 60 kg/h C12					+
04 NE	capacity: max. 80 kg/h C12					+
04 NF	capacity: max. 113 kg/h C12					+
04 NG	capacity: max. 158 kg/h C12					+
04 NH	capacity: max. 200 kg/h C12					+
04 NJ	capacity: max. 9 kg/h NH3					+
04 NK	capacity: max. 18 kg/h NH3					+
04 NL	capacity: max. 27 kg/h NH3					+
04 NM	capacity: max. 36 kg/h NH3					+
04 NN	capacity: max. 52 kg/h NH3					+
04 NO	capacity: max. 72 kg/h NH3					+
04 NP	capacity: max. 90 kg/h NH3					+
04 NR	capacity: max. 18 kg/h SO2					+
04 NS	capacity: max. 36 kg/h SO2					+
04 NT	capacity: max. 54 kg/h SO2					+
04 NU	capacity: max. 72 kg/h SO2					+
04 NV	capacity: max. 102 kg/h SO2					+
04 NW	capacity: max. 142 kg/h SO2					+
04 NX	capacity: max. 180 kg/h SO2					+
13 0						
13 VS	with vacuum switch					+
N.2030.B	Gas Feeder Series V-2030	C2				
	automatic adjustment					
04 NB	capacity: max. 20 kg/h C12					+
04 NC	capacity: max. 40 kg/h C12					+
04 ND	capacity: max. 60 kg/h C12					+
04 NE	capacity: max. 80 kg/h C12					+
04 NF	capacity: max. 113 kg/h C12					+
04 NG	capacity: max. 158 kg/h C12					+
04 NH	capacity: max. 200 kg/h C12					+
04 NJ	capacity: max. 9 kg/h NH3					+
04 NK	capacity: max. 18 kg/h NH3					+
04 NL	capacity: max. 27 kg/h NH3					+
04 NM	capacity: max. 36 kg/h NH3					+
04 NN	capacity: max. 52 kg/h NH3					+
04 NO	capacity: max. 72 kg/h NH3					+
04 NP	capacity: max. 90 kg/h NH3					+
04 NR	capacity: max. 18 kg/h SO2					+
04 NS	capacity: max. 36 kg/h SO2					+
04 NT	capacity: max. 54 kg/h SO2					+
04 NU	capacity: max. 72 kg/h SO2					+
04 NV	capacity: max. 102 kg/h SO2					+
04 NW	capacity: max. 142 kg/h SO2					+
04 NX	capacity: max. 180 kg/h SO2					+
11 115	power supply: 115 V, 50/60 Hz					
11 230	power supply: 230 V, 50/60 Hz					
13 0						
13 VS	with vacuum switch					+

	* medium CO2 consult! *					

	For detailed technical information					
	see publication PR-10042-E					

1 W&T Gas Feed Systems 1.10.40 Gas feeder, series V-2030

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BA-10042-D	Instruction manual for V-2030, German	NT				
BA-10042-E	Instruction manual for V-2030, English	NT				
BA-10042-F	Instruction manual for V-2030, French	NT				

1 W&T Gas Feed Systems

1.10.50 Conversion kits for gas feeders, manual to automatic

1 W&T Gas Feed Systems 1.10.50 Conversion kits for gas feeders, manual to automatic

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.100.U	Conversion kit for existing gas feeder, series V10k, comprising: - electric positioner with feed back potentiometer 1000 Ohms - rack and pinion assembly and linear V-notch - base plate and fixing material	C1				
03 BB	control range: 1 - 22.5 g Cl2/h					
03 BC	control range: 3 - 60 g Cl2/h					
03 BD	control range: 10 - 200 g Cl2/h					
03 BE	control range: 20 - 400 g Cl2/h					
03 BF	control range: 30 - 600 g Cl2/h					
03 BG	control range: 50 - 1000 g Cl2/h					
03 BH	control range: 75 - 1500 g Cl2/h					
03 BJ	control range: 100 - 2000 g Cl2/h					
03 BK	control range: 0.15 - 3 kg Cl2/h					
03 BL	control range: 0.20 - 4 kg Cl2/h					
03 BR	control range: 0.50 - 10 kg Cl2/h					
03 BS	control range: 1.00 - 15 kg Cl2/h					
03 FB	V-notch plug pool-version: 10- 200 g Cl2/h shock chlorination: 400 g Cl2/h					
03 FC	V-notch plug pool-version: 20- 400 g Cl2/h shock chlorination: 800 g Cl2/h					
03 FD	V-notch plug pool-version: 30- 600 g Cl2/h shock chlorination: 1200 g Cl2/h					
03 FE	V-notch plug pool-version: 50-1000 g Cl2/h shock chlorination: 2000 g Cl2/h					
03 FF	V-notch plug pool-version: 75-1500 g Cl2/h shock chlorination: 3000 g Cl2/h					
03 FG	V-notch plug pool-version: 100-2000 g Cl2/h shock chlorination: 4000 g Cl2/h					
03 FH	V-notch plug pool-version: 0.15-3 kg Cl2/h shock chlorination: 6 kg Cl2/h					
03 FI	V-notch plug pool-version: 0.20-4 kg Cl2/h shock chlorination: 8 kg Cl2/h					
03 KC	control range: 24 - 480 g CO2/h					
03 KD	control range: 8 - 160 g CO2/h					
03 KE	control range: 16 - 320 g CO2/h					
03 KF	control range: 24 - 480 g CO2/h					
03 KG	control range: 40 - 800 g CO2/h					
03 KH	control range: 60 - 1200 g CO2/h					
03 KJ	control range: 80 - 1600 g CO2/h					
03 KK	control range: 0.12 - 2.4 kg CO2/h					
03 KL	control range: 0.16 - 3.2 kg CO2/h					
03 KM	control range: 0.20 - 4.0 kg CO2/h					
03 KN	control range: 0.24 - 4.8 kg CO2/h					
03 SG	control range: 50 - 1000 g SO2/h					
03 SN	control range: 0,3 - 6 kg SO2/h					
11 115	power supply: 115 V, 50/60 Hz					
11 230	power supply: 230 V, 50/60 Hz					
	***** * medium SO2 and NH3 consult! * *****					
IM.025.101DD	Instruction manual V10k automatic control, Cl2-feeder, German	NT				
IM.025.101DE	Instruction manual V10k automatic control, Cl2-feeder, English	NT				
IM.025.101DF	Instruction manual V10k automatic control, Cl2-feeder, French	NT				
IM.025.111DD	Instruction manual V10k automatic control, CO2-feeder, German	NT				
IM.025.111DE	Instruction manual V10k automatic control, CO2-feeder, English	NT				
IM.025.111DF	Instruction manual V10k automatic control, CO2-feeder, French	NT				

1 W&T Gas Feed Systems

1.10.60 Gas control valve

1 W&T Gas Feed Systems 1.10.60 Gas control valve

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.107.G	Gas control valve for the automation of manual gas feeders, for installation into the vacuum supply line, suitable for wall mounting, for the automatic linear metering of gases to VDI/VDE 2173	C1				
03 BC	control range: 3 - 60 g Cl2/h					
03 BD	control range: 10 - 200 g Cl2/h					
03 BE	control range: 20 - 400 g Cl2/h					
03 BF	control range: 30 - 600 g Cl2/h					
03 BG	control range: 50 - 1000 g Cl2/h					
03 BH	control range: 75 - 1500 g Cl2/h					
03 BJ	control range: 100 - 2000 g Cl2/h					
03 BK	control range: 0.15 - 3 kg Cl2/h					
03 BL	control range: 0.20 - 4 kg Cl2/h					
03 BM	control range: 0.25 - 5 kg Cl2/h					
03 BN	control range: 0.30 - 6 kg Cl2/h					
03 BP	control range: 0.40 - 8 kg Cl2/h					
03 BR	control range: 0.50 - 10 kg Cl2/h					
03 FA	V-notch plug pool-version: 3- 60 g Cl2/h shock chlorination: 120 g Cl2/h					
03 FB	V-notch plug pool-version: 10- 200 g Cl2/h shock chlorination: 400 g Cl2/h					
03 FC	V-notch plug pool-version: 20- 400 g Cl2/h shock chlorination: 800 g Cl2/h					
03 FD	V-notch plug pool-version: 30- 600 g Cl2/h shock chlorination: 1200 g Cl2/h					
03 FE	V-notch plug pool-version: 50-1000 g Cl2/h shock chlorination: 2000 g Cl2/h					
03 FF	V-notch plug pool-version: 75-1500 g Cl2/h shock chlorination: 3000 g Cl2/h					
03 FG	V-notch plug pool-version: 100-2000 g Cl2/h shock chlorination: 4000 g Cl2/h					
03 FH	V-notch plug pool-version: 0.15-3 kg Cl2/h shock chlorination: 6 kg Cl2/h					
03 FI	V-notch plug pool-version: 0.20-4 kg Cl2/h shock chlorination: 8 kg Cl2/h					
03 FJ	V-notch plug pool-version: 0.25-5 kg Cl2/h shock chlorination: 10 kg Cl2/h					
03 KC	control range: 24 - 480 g CO2/h					
03 KD	control range: 8 - 160 g CO2/h					
03 KE	control range: 16 - 320 g CO2/h					
03 KF	control range: 24 - 480 g CO2/h					
03 KG	control range: 40 - 800 g CO2/h					
03 KH	control range: 60 - 1200 g CO2/h					
03 KJ	control range: 80 - 1600 g CO2/h					
03 KK	control range: 0.12 - 2.4 kg CO2/h					
03 KL	control range: 0.16 - 3.2 kg CO2/h					
03 KM	control range: 0.20 - 4.0 kg CO2/h					
03 KN	control range: 0.24 - 4.8 kg CO2/h					
03 KP	control range: 0.32 - 6.4 kg CO2/h					
03 KR	control range: 0.40 - 8.0 kg CO2/h					
03 NC	control range: 1.5 - 30 g NH3/h					
03 ND	control range: 5 - 100 g NH3/h					
03 NE	control range: 10 - 200 g NH3/h					
03 NF	control range: 15 - 300 g NH3/h					
03 NG	control range: 25 - 500 g NH3/h					
03 NH	control range: 37 - 740 g NH3/h					
03 NJ	control range: 50 - 1000 g NH3/h					
03 NK	control range: 0.075 - 1.5 kg NH3/h					
03 NL	control range: 0.1 - 2 kg NH3/h					
03 NM	control range: 0.12 - 2.5 kg NH3/h					
03 NN	control range: 0.15 - 3 kg NH3/h					
03 NP	control range: 0.20 - 4 kg NH3/h					
03 NR	control range: 0.25 - 5 kg NH3/h					
03 SC	control range: 3 - 60 g SO2/h					
03 SD	control range: 10 - 200 g SO2/h					
03 SE	control range: 20 - 400 g SO2/h					
03 SF	control range: 30 - 600 g SO2/h					
03 SG	control range: 50 - 1000 g SO2/h					
03 SH	control range: 75 - 1500 g SO2/h					
03 SJ	control range: 100 - 2000 g SO2/h					
03 SK	control range: 0.15 - 3 kg SO2/h					
03 SL	control range: 0.20 - 4 kg SO2/h					
03 SM	control range: 0.25 - 5 kg SO2/h					
03 SN	control range: 0.30 - 6 kg SO2/h					
03 SP	control range: 0.40 - 8 kg SO2/h					
03 SR	control range: 0.50 - 10 kg SO2/h					

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
1.10.60 1/2

1 W&T Gas Feed Systems 1.10.60 Gas control valve

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
05 BB	outlet connection: PE hose 1/4" x 3/8"					
05 BD	outlet connection: PE hose 3/8" x 1/2"					
05 BE	outlet connection: PE hose 12x2 mm					
05 BF	outlet connection: PVC socket DN 10					
05 BG	outlet connection: PVC socket DN 15					
11 230	power supply: 230 V, 50/60 Hz					
BA-80032-D	Instruction manual for gas control valve, German	NT				
BA-80032-E	Instruction manual for gas control valve, English	NT				
BA-80032-F	Instruction manual for gas control valve, French	NT				
AAC8965	Ratio control unit Retrofit kit for direct control of positioner type UX-96285 via a 4-20 mA signal. 230 VAC, 50/60 Hz, 2 VA	C1				
AAC8968	Ratio control unit Retrofit kit for direct control of positioner type UX-96285 via a 4-20 mA signal. 115 VAC, 50/60 Hz, 2 VA	C1				
IM.040.050DD	Instruction manual Control of positioner, German	NT				
IM.040.050DE	Instruction manual Control of positioner, English	NT				
IM.040.050DF	Instruction manual Control of positioner, French	NT				

1 W&T Gas Feed Systems

1.20.10 Injectors

1 W&T Gas Feed Systems 1.20.10 Injectors

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.101.A	Injector 3/4" fixed throat type for installation into the operating water supply line, complete with: - spring loaded main check valve - additional poppet check valve - injector throat and tailpiece - 2 union connections - wall bracket	C1				
06 GR	gas connection: PE hose 12 x 2 mm					
06 KL	gas connection: PE hose 1/4" x 3/8"					
06 MI	gas connection: PE hose 3/8" x 1/2"					
06 RO	gas connection: PVC pipe DN 15					
08 15	operating water connection DN15					
08 20	operating water connection DN 20					
08 25	operating water connection DN 25					
09 15	solution discharge line DN 15					
09 20	solution discharge line DN 20					
09 25	solution discharge line DN 25					
11 120	injector nozzle: 120					
11 140	injector nozzle: 140					
11 165	injector nozzle: 165					
11 193	injector nozzle: 193					
11 242	injector nozzle: 242					
11 312	injector nozzle: 312					
11 70	injector nozzle: 70					
11 99	injector nozzle: 99					
13 C	injector tailpiece "C"					
13 D	injector tailpiece "D"					
13 DN	injector tailpiece "D" for NH3					
13 F	injector tailpiece "F"					
13 FN	injector tailpiece "F" for NH3					
13 G	injector tailpiece "G"					
13 GN	injector tailpiece "G" for NH3					
13 H	injector tailpiece "H"					
13 HN	injector tailpiece "H" for NH3					
13 J	injector tailpiece "J"					
13 JN	injector tailpiece "J" for NH3					
13 S	injector tailpiece "S"					
13 SN	injector tailpiece "S" for NH3					

1 W&T Gas Feed Systems 1.20.10 Injectors

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.101.B	Injector 3/4" anti-syphon fixed throat type for installation into the operating water supply line, incorporating: - spring-loaded main check valve - additional poppet check valve - injector throat and tailpiece - 2 union connections - special anti-syphon device	C1				
06 GR	gas connection: PE hose 12 x 2 mm					
06 KL	gas connection: PE hose 1/4" x 3/8"					
06 MI	gas connection: PE hose 3/8" x 1/2"					
06 RO	gas connection: PVC pipe DN 15					
08 15	operating water connection DN 15					
08 20	operating water connection DN 20					
08 25	operating water connection DN 25					
08 32	operating water connection DN 32					
09 15	solution discharge line DN 15					
09 20	solution discharge line DN 20					
09 25	solution discharge line DN 25					
09 32	solution discharge line DN 32					
11 120	injector nozzle: 120					
11 140	injector nozzle: 140					
11 165	injector nozzle: 165					
11 193	injector nozzle: 193					
11 242	injector nozzle: 242					
11 312	injector nozzle: 312					
11 70	injector nozzle: 70					
11 99	injector nozzle: 99					
13 D	injector tailpiece "D"					
13 F	injector tailpiece "F"					
13 G	injector tailpiece "G"					
13 H	injector tailpiece "H"					
13 J	injector tailpiece "J"					
13 S	injector tailpiece "S"					

1 W&T Gas Feed Systems 1.20.10 Injectors

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.101.C	Injector 1" fixed throat type for installation into the operating water supply line, incorporating: - spring-loaded main check valve - additional poppet check valve - injector throat and tailpiece - 2 union connections - wall bracket	C1				
06 GR	gas connection: PE hose 12 x 2 mm					
06 KL	gas connection: PE hose 1/4" x 3/8"					
06 MI	gas connection: PE hose 3/8" x 1/2"					
06 RO	gas connection: PVC pipe DN 15					
08 20	operating water connection DN 20					
08 25	operating water connection DN 25					
08 32	operating water connection DN 32					
08 40	operating water connection DN 40					
09 20	solution discharge line DN 20					
09 25	solution discharge line DN 25					
09 32	solution discharge line DN 32					
09 40	solution discharge line DN 40					
11 120	injector nozzle: 120					
11 140	injector nozzle: 140					
11 165	injector nozzle: 165					
11 193	injector nozzle: 193					
11 242	injector nozzle: 242					
11 312	injector nozzle: 312					
11 70	injector nozzle: 70					
11 99	injector nozzle: 99					
13 C	injector tailpiece "C"					
13 D	injector tailpiece "D"					
13 E	injector tailpiece "E"					
13 F	injector tailpiece "F"					
13 G	injector tailpiece "G"					
13 H	injector tailpiece "H"					
13 J	injector tailpiece "J"					
13 K	injector tailpiece "K"					
13 L	injector tailpiece "L"					

1 W&T Gas Feed Systems 1.20.10 Injectors

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.101.D	Injector 1" anti-syphon fixed throat type for installation into a operating water supply line, incorporating: - spring-loaded main check valve - additional poppet check valve - injector throat and tailpiece - 2 union connections - special anti-syphon device	C1				
06 GR	gas connection: PE hose 12 x 2 mm					
06 KL	gas connection: PE hose 1/4" x 3/8"					
06 MI	gas connection: PE hose 3/8" x 1/2"					
06 RO	gas connection: PVC pipe DN 15					
08 20	operating water connection DN 20					
08 25	operating water connection DN 25					
08 32	operating water connection DN 32					
08 40	operating water connection DN 40					
09 20	solution discharge line DN 20					
09 25	solution discharge line DN 25					
09 32	solution discharge line DN 32					
09 40	solution discharge line DN 40					
11 120	injector nozzle: 120					
11 140	injector nozzle: 140					
11 165	injector nozzle: 165					
11 193	injector nozzle: 193					
11 242	injector nozzle: 242					
11 312	injector nozzle: 312					
11 70	injector nozzle: 70					
11 99	injector nozzle: 99					
13 C	injector tailpiece "C"					
13 E	injector tailpiece "E"					
13 F	injector tailpiece "F"					
13 G	injector tailpiece "G"					
13 H	injector tailpiece "H"					
13 J	injector tailpiece "J"					
13 K	injector tailpiece "K"					
13 L	injector tailpiece "L"					
N.2021.A	2" Injector with adjustable throat DN 50, for installation into the operating water supply line	C2				
02 EJ	made of PVC					+
02 EK	made of bronze/PVC					+
04 EJ	capacity max.: 20 kg/h C12					
04 EK	capacity max.: 40 kg/h C12					
	For suction capacities of CO2, SO2 and NH3 consult!					
N.2031.A	3" Injector adjustable type, made of meehanite, rubber lined, with integral check valve at gas entry side	C2				
	Connections: ----- Inlet: flange DN 80, PN 16 Outlet: flange DN 80, PN 16 Gas inlet: DN 40, PVC union Nominal pressure: PN 12 bar (up to 38 °C) PN 6 bar (up to 54 °C) Suction capacity: max. 115 kg/h C12					
	For suction capacities of CO2, SO2 and NH3 consult!					

1 W&T Gas Feed Systems 1.20.10 Injectors

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.2031.B	<p>4" Injector adjustable type, made of meehanite, rubber lined, with integral check valve at gas entry side</p> <p>Connections: ----- Inlet: flange DN 100, PN 25 Outlet: flange DN 100, PN 25 Gas inlet: DN 40, PVC union Nominal pressure: PN 12 bar (up to 38 °C) PN 6 bar (up to 54 °C) Suction capacity: max. 190 kg/h Cl2</p> <p>For suction capacities of CO2, SO2 and NH3 consult!</p>	C2				
AAD2983	<p>Motorized PVC ball valve with electric actuator DN 20, PN 10, for installation into the gas suction line between chlorinator and injector, vacuum proof, incl. union connections Use: isolation of injector suction line when solution delivery line is flushed</p>	H1				
AAD2992	<p>Motorized ball valve ditto, but DN 40, PN 10</p>	H1				

1 W&T Gas Feed Systems

1.30.10 Gas supply CO2

1 W&T Gas Feed Systems 1.30.10 Gas supply CO2

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BA-80061-D	Instruction manual CO2 Gas supply, German	NT				
N.102.A	High pressure reducing valve, for installation into a CO2 feed line provided by others, discharge pressure limited to 6 bar g, cpl. with container and working pressure gauge, incl. fixing material maximum capacity: 35 kg/h CO2	C2				
UXA-96452	Flexible connection hose for connecting high pressure reducing valve and vacuum regulator 3 m, for CO2	C2				
UXB-96452	Flexible connection hose ditto, but 5 m, for CO2	C2				
UXC-96452	Flexible connection hose ditto, but 10 m, for CO2	C2				
VA-64669.003	Gas Preheater with automatic temperature control, for installation downstream of the CO2 high pressure reducing valve, to prevent external icing, with cable and plug, 230 V, 50 Hz, 100 Watt, including 2 x instruction manual	H1				
VA-59835.003	Instruction manual for gas preheater, German	NT				
N.102.C	Vacuum regulator designed to reduce full supply pressure to operating vacuum incl. gas filter and liquid trap max. capacity: 3.1 kg/h CO2 incl. connections to the high pressure reducing valve and vacuum discharge 08 K - vacuum connection: 1/4" x 3/8" 08 M - vacuum connection: 3/8" x 1/2" 08 R - vacuum connection: PVC DN 15	C1				
N.102.D	Vacuum regulator consisting of 2 vacuum regulators with automatic switch over function, designed to reduce full supply pressure to operating vacuum (downstream vacuum) incl. gas filter and liquid trap (max. capacity 3.1 kg/h CO2), incl. connections to the high pressure reducing valve and vacuum discharge 08 K - vacuum connection: 1/4" x 3/8" 08 M - vacuum connection: 3/8" x 1/2" 08 R - vacuum connection: PVC DN 15	C1				

1 W&T Gas Feed Systems 1.30.10 Gas supply CO2

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.002.E	Vacuum regulator (downstream vacuum), liquid trap and strainer, (max. capacity 10 kg/h Cl2, 8 kg/h CO2 or 9.5 kg/h SO2), including 1 set of standard accessories, with wall bracket	C1				
01 KK	with contact pressure gauge 0 - 12 bar					+
01 KN	without pressure gauge					+
01 KO	with pressure gauge 0 - 12 bar					+
01 KP	with check unit and contact pressure gauge					+
01 KQ	with check unit, without pressure gauge					+
01 KR	with check unit and pressure gauge					+
02 KN	left side manifold connection, Rp1/2", Rp3/4"					
02 KO	right side manifold connection, Rp1/2",Rp3/4"					
05 KN	vacuum connection: PE hose 12 x 2 mm					
05 KO	vacuum connection: PVC pipe DN 15					
N.012.S	Safety unit compact unit, for installation into the vacuum manifold, consisting of: - safety vent valve opening pressure: 30 mbar cpl. with 5 m hose - vacuum safety valve as safety lock to prevent the gas feeders from overpressure opening pressure: >50 mbar capacity, max.: 15 kg/h Cl2 15 kg/h SO2 7 kg/h NH3 12 kg/h CO2	C1				
05 DL	connection: PE hose 1/4" x 3/8"					
05 DM	connection: PE hose 3/8" x 1/2"					
05 DN	connection: PVC pipe DN 15					
05 DR	connection: PE hose 12 x 2 mm					
N.012.B	Safety vent valve for installation into a vacuum manifold complete with 5m vent line	C1				
05 DB	connection: PE hose 1/4" x 3/8"					
05 DC	connection: PE hose 3/8" x 1/2"					
05 DD	connection: PE hose 12 x 2 mm					
05 DE	connection: PVC tube DN 15					
N.012.E	Vacuum safety valve for installation between safety vent valve and gas feeder; this valve will be opened only by vacuum downstream and thus avoids an accidental building up of pressure in the pipework downstream in case of a failure of the vacuum regulating valve	C1				
05 DL	connection: PE hose 1/4" x 3/8"					
05 DM	connection: PE hose 3/8" x 1/2"					
05 DN	connection: PVC pipe DN 15					
05 DR	connection: PE hose 12 x 2 mm					

1 W&T Gas Feed Systems 1.30.10 Gas supply CO2

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.102.E	FRP Cabinet made of fibre glass reinforced polyester, complete with roof for outdoor installation, incl. lock, finish to RAL 7032, complete with accessories for wall mounting, gas discharge PVC pipe DN 15 Dimensions: WxHxD = 468 x 575 x 240 mm cabinet complete with N.102.C vacuum regulator N.012.B safety vent valve N.012.E vacuum safety valve	C1				
08 G	vacuum connection: 12 x 2 mm					
08 K	vacuum connection: 1/4" x 3/8"					
08 M	vacuum connection: 3/8" x 1/2"					
08 R	vacuum connection: PVC DN 15					
VA-59827.001	FRP Cabinet made of fibre glass reinforced polyester, cpl. with roof for outdoor installation, incl. lock, finish to RAL 7032, cpl. with accessories for wall mounting, gas discharge PVC pipe DN 15 dimensions: WxHxD = 575 x 468 x 240mm cabinet complete with N.002.E vacuum regulator 7.5 kg N.012.B safety vent valve N.012.E vacuum safety valve	C1				
VA-60150.100	FRP Cabinet made of fibre glass reinforced polyester, cpl. with roof for outdoor installation, incl. lock, finish to RAL 7032, cpl. with accessories for wall mounting, gas discharge PVC pipe DN 15 dimensions: HxWxD = 852 x 1056 x 350 mm cabinet complete with N.002.W vacuum regulator 48 kg	C1				
N.102.F	FRP Cabinet made of fibre glass reinforced polyester, complete with roof for outdoor installation, incl. lock, finish to RAL 7032, complete with accessories for wall mounting, gas discharge PVC pipe DN 15 Dimensions: WxHxD = 705 x 905 x 334 mm cabinet complete with N.102.D vacuum regulator with automatic switch-over function N.012.B safety vent valve N.012.E vacuum safety valve	C1				
08 G	vacuum connection: 12 x 2 mm					
08 K	vacuum connection: 1/4" x 3/8"					
08 M	vacuum connection: 3/8" x 1/2"					
08 R	vacuum connection: PVC DN 15					
N.002.W	Vacuum Regulator for installation into a gas manifold under pressure, pre-assembled on a wall mounting panel, incorporating vacuum regulator, safety vent valve and vacuum safety valve max. capacity: 48 kg/h CO2	C2				
02 UJ	Cl2 gas connection: left side					
02 UK	Cl2 gas connection: right side					

1 W&T Gas Feed Systems 1.30.10 Gas supply CO2

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.002.X	Vacuum Regulator for installation into a gas manifold under pressure, pre-assembled on a wall mounting panel, incorporating vacuum regulator, safety vent valve and vacuum safety valve max. capacity: 158 kg/h CO2	C2				
N.012.H	Feeder connection for connecting a remote vacuum gas feeder to a PVC vacuum manifold incl. a PVC ball valve for the manual shut off of the gas supply line upstream of the gas feeder	C1				
02 15	made of PVC-tube DN 15					+
02 20	made of PVC-tube DN 20					+
02 25	made of PVC-tube DN 25					+
02 32	made of PVC-tube DN 32					+
02 40	made of PVC-tube DN 40					+
02 50	made of PVC-tube DN 50					+
02 65	made of PVC-tube DN 65					+
05 GR	connection: PE hose 12 x 2 mm					
05 KL	connection: PE hose 1/4" x 3/8"					
05 MI	connection: PE hose 3/8" x 1/2"					
05 15	connection: PVC tube DN 15					
05 25	connection: PVC tube DN 25					
05 40	connection: PVC tube DN 40					
RP-9004468	Pipe d10x1.2 mm, DN 6	H1				
AAC8446	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8503	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8530	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8587	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004501	Pipe d16x1.8 mm, DN 10	H1				
AAC8452	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8506	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8536	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8590	Fixing material for 50m PVC pipe incl. fittings	H1				

1 W&T Gas Feed Systems 1.30.10 Gas supply CO2

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9004525	Pipe DN 15, d20x2.3 mm, PN 16	H1				
AAC8455	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8509	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8539	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8593	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004554	Pipe d25x2.8 mm, DN 20	H1				
AAC8458	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8512	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8542	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8596	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004591	Pipe d32x2.4 mm, DN 25	H1				
AAC8461	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8515	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8545	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8599	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004609	Pipe d40x3.0 mm, DN 32	H1				
AAC8467	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8518	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8548	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8602	Fixing material for 50m PVC pipe incl. fittings	H1				

1 W&T Gas Feed Systems 1.30.10 Gas supply CO2

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9004633	Pipe d50x3.7 mm, DN 40	H1				
AAC8470	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8521	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8578	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8605	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-684818	PE hose 1/4" x 3/8"	H1				
RP-684821	PE hose 3/8" x 1/2"	H1				
RP-9114502	Tubing PE, 12 x 2 mm	H1				
AAC8620	PVC pipe PVC-U, d25x1 mm, length 3 m, incl. fixing material ***** * NOTE: * * Provide 1 x AAC8620 per 3m hose! * *****	H1				
U-91039	Cable clamp d=6-16, incl. fixing material ***** * suitable for PVC hose 4x3, 6x3 mm * * PE hose 2x1, 4x1, 6x2, 10x2 * * 1/4"x3/8" and 3/8"x1/2" * *****	H1				
U-92164	Cable clamp d=16-24, incl. fixing material ***** * suitable for PVC hose 10x3, 12x4.5 mm * * PE hose 12x2 mm * *****	H1				
N.102.G	Solenoid valve for installation into the CO2 vacuum supply line between gas feeder and injector, DN 6, with PE hose connection 1/4" x 3/8", 230 V AC, 50 Hz, for start-stop-automation	C2				
N.106.A	Set of Connections for the parallel operation of the CO2- and Cl2-injectors, complete with diaphragm control valve on the operating water side, 2 Y-connectors, PVC pipe and 2 elbows, size DN 20	C2				

1 W&T Gas Feed Systems

1.30.20 Cl₂/SO₂ supply systems pressure manifold for cylinders

1 W&T Gas Feed Systems 1.30.20 Cl2/SO2 supply systems pressure manifold for cylinders

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.002.A	Gas manifold 1/2" designed as steel manifold, consisting of: - auxiliary cylinder valves - flexible connections (length: 1 m) - manifold 1/2" - fixing material and fittings	C2				
01 DB	connection of 2 gas cylinders					+
01 DC	connection of 3 gas cylinders					+
01 DD	connection of 4 gas cylinders					+
01 DE	connection of 5 gas cylinders					+
01 DF	connection of 6 gas cylinders					+
01 DG	connection of 7 gas cylinders					+
01 DH	connection of 8 gas cylinders					+
01 DI	connection of 9 gas cylinders					+
01 DJ	connection of 10 gas cylinders					+
02 DB	valve thread DIN 477-1(D)					
02 DC	yoke					
02 DD	valve thread G 5/8 (GB)					
02 DE	valve thread G 3/4 (USA)					
02 DF	valve thread G 3/4 (port)					
02 DG	valve thread G 5/8					
02 DH	valve thread R 1/2					
N.002.C	Mainfold extension 1/2" consisting of: - auxiliary cylinder valve - flexible connection - fixing material and fittings	C2				
02 DB	valve thread DIN 477-1(D)					
02 DC	yoke					
02 DD	valve thread G 5/8 (GB)					
02 DE	valve thread G 3/4 (USA)					
02 DF	valve thread G 3/4 (port)					
02 DG	valve thread G 5/8					
02 DH	valve thread R 1/2					
P-95479	Plug Brass, thread 1-DIN477 for the air-tight sealing of vacuum regulators (4 kg/h and 9.5 kg/h) during winter time (outdoor swimming pools)	C2				
AAD2572	N2 flushing system incorporating a high pressure reducing valve, check valve, flexible connection, gas isolating valve and pipe extension for a 1/2" resp. 3/4" chlorine gas manifold	C2				
AAC9703	Cylinder change-over unit series A-015 for wall mounting, comprising: - 1 contact pressure gauge - 1 electric change-over valve with additional manual override capacity 20 kg Cl2/h, 8 kg SO2/h connections: union nut 5/8 - 18 UNF power supply: 85-240 VUC enclosure: IP 65	C2				

1 W&T Gas Feed Systems 1.30.20 Cl2/SO2 supply systems pressure manifold for cylinders

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB2172	CCU Control box in plastic housing for wall mounting, including: - display "power supply" - display for valve position 1 "open/empty" - display for valve position 2 "open/empty" - button for manual change-over - RESET button including connection for change-over valve heating, 2 digital inputs for external, unpowered contacts and the signal / alarm contacts Dimensions: WxDxH 359 x 100 x 237 mm Power supply: 230 V AC, 47-63 Hz Enclosure: IP 65	C2				
AAB5484	CCU control box ditto, but Power supply: 115 V AC, 47-63 Hz	C2				
BAE1133	Instruction manual A-015, German	NT				
BAE1134	Instruction manual A-015, English	NT				
BAE1135	Instruction manual A-015, French	NT				
IM.040.198-1DD	Instruction manual CCU Automatic change-over unit CCU, German	NT				
IM.040.198-1DE	Instruction manual CCU Automatic change-over unit CCU, English	NT				
IM.040.198-1DF	Instruction manual CCU Automatic change-over unit CCU, French	NT				
U-93267	Pressure gauge assembly 0-12 bar, Cl2/SO2/CO2, for installation into a steel manifold 1/2"	C2				
U-91366	Pressure gauge assembly 0-12 bar, Cl2/SO2/NH3, for installation into a steel manifold 3/4"	C2				
UXC-93332	Contact pressure gauge assembly R 1/2", 0-16 bar, Cl2/SO2	C2				
UXA-93332	Contact pressure gauge assembly R 3/4", 0-16 bar, Cl2/SO2	C2				
UXB-93332	Contact pressure gauge assembly R 1", 0-16 bar, Cl2/SO2	C2				

1 W&T Gas Feed Systems 1.30.20 Cl2/SO2 supply systems pressure manifold for cylinders

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.002.H	Pressure reducing valve complete with strainer and liquid trap, for installation into a gas manifold Capacity: 14 kg/h Cl2 / 12 kg/h SO2 inlet pressure: 10 bar g outlet pressure: 1.8 bar g	C2				
01 LO	incl. bracket, excl. pressure gauge					+
01 LP	incl. pressure gauge and bracket					+
05 LM	connection: 2 x 1" DIN 477					
05 LN	connection: 2 x 5/8" x 18 NF					
05 LO	connection: in 1" DIN477, out 5/8"NF					
05 LP	connection: 2 x R 3/4"					
05 LQ	connection: 2 x R 1/2"					
08 LM	left side manifold connection					
08 LN	right side manifold connection					
UXA-3925-G	Shut-off valve for chlorine gas, R 1/2"	C2				
UXB-3925-G	Shut-off valve for chlorine gas, R 3/4"	C2				
AAC9655	Line ball valve DN 15, Rp 1/2", PN 40	H1				
AAC9658	Line ball valve DN 20, Rp 3/4", PN 40	H1				
AAC9661	Line ball valve DN 25, Rp 1", PN 40	H1				
AAC9664	Line ball valve DN 32, Rp 1-1/4", PN 40	H1				
N.0152.G	Steel pipe, black seamless drawn steel pipe to DIN 2448 incl. fittings and fixing material for the extension of a standard pressure manifold	C2				
05 QB	21.3 x 3.2 - St37 (1/2")					+
05 QC	26.9 x 3.2 - St37 (3/4")					+
05 QD	33.7 x 4.0 - St37 (1")					+

1 W&T Gas Feed Systems

1.30.30 Cl₂/SO₂ supply systems pressure manifold for ton containers

1 W&T Gas Feed Systems 1.30.30 Cl2/SO2 supply systems pressure manifold for ton containers

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.002.K	Cl2 gas manifold 3/4" consisting of: - auxiliary drum valves - flexible connections - header valves - manifold R 3/4", length: 1.3 m - chlorine pressure gauge	C2				
01 BB	for the connection of 2 Cl2 drums				+	
01 BC	for the connection of 3 Cl2 drums				+	
01 BD	for the connection of 4 Cl2 drums				+	
10 BB	drum connection: 1 1/4" - 7 BSW					
10 BC	drum connection: R 3/4" DIN 259					
10 BD	drum connection: R 5/8" DIN 259					
10 BE	drum connection: 1" - 8 BSW					
10 BF	drum connection: SF 26 x 3 Stg.					
N.002.L	Extension of 3/4" chlorine gas manifold for one additional drum R 3/4" with fixing material, consisting of: - 1 auxiliary drum valve - 1 flexible connection - 1 header valve - 1 manifold R 3/4"	C2				
10 BM	drum connection: 1 1/4" - 7 BSW					
10 BP	drum connection: R 5/8" DIN 259					
10 BQ	drum connection: 1" - 8 BSW					
01 VB	for 2 chlorine drums				+	
01 VC	for 2 x 2 chlorine drums				+	
01 VD	for 2 x 3 chlorine drums				+	
01 VE	for 2 x 4 chlorine drums				+	
01 VF	for 2 x 5 chlorine drums				+	
01 VG	for 2 SO2 drums				+	
01 VH	for 2 x 2 SO2 drums				+	
01 VI	for 2 x 3 SO2 drums				+	
01 VJ	for 2 x 4 SO2 drums				+	
01 VK	for 2 x 5 SO2 drums				+	
02 VB	connection thread R 3/4" DIN259					
02 VC	connection thread: 1" - 8 BSW					
02 VD	connection thread: R 5/8" DIN259					
02 VE	connection thread: 1 1/4" - 7 BSW					
02 VF	connection thread: SF 26x3 mm (F)					
03 VB	used for chlorine gas					
03 VC	used for sulfur dioxide gas					
03 VD	used for liquid chlorine					
AAD2572	N2 flushing system incorporating a high pressure reducing valve, check valve, flexible connection, gas isolating valve and pipe extension for a 1/2" resp. 3/4" chlorine gas manifold	C2				
N.012.M	Catchpot as liquid chlorine trap, for installation into a gas manifold under pressure, with fittings and brackets, Permitted operating press.: 13.5 bar Capacity: 3.5 liters Connection: G 3/4"	C2				

1 W&T Gas Feed Systems 1.30.30 Cl2/SO2 supply systems pressure manifold for ton containers

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC9703	Cylinder change-over unit series A-015 for wall mounting, comprising: - 1 contact pressure gauge - 1 electric change-over valve with additional manual override capacity 20 kg Cl2/h, 8 kg SO2/h connections: union nut 5/8 - 18 UNF power supply: 85-240 VUC enclosure: IP 65	C2				
AAB2172	CCU Control box in plastic housing for wall mounting, including: - display "power supply" - display for valve position 1 "open/empty" - display for valve position 2 "open/empty" - button for manual change-over - RESET button including connection for change-over valve heating, 2 digital inputs for external, unpowered contacts and the signal / alarm contacts Dimensions: WxDxH 359 x 100 x 237 mm Power supply: 230 V AC, 47-63 Hz Enclosure: IP 65	C2				
AAB5484	CCU control box ditto, but Power supply: 115 V AC, 47-63 Hz	C2				
AAB8419	Set of accessories CCU	C2				
BAE1133	Instruction manual A-015, German	NT				
BAE1134	Instruction manual A-015, English	NT				
BAE1135	Instruction manual A-015, French	NT				
IM.040.198-1DD	Instruction manual CCU Automatic change-over unit CCU, German	NT				
IM.040.198-1DE	Instruction manual CCU Automatic change-over unit CCU, English	NT				
IM.040.198-1DF	Instruction manual CCU Automatic change-over unit CCU, French	NT				
VA-52474.002	Set of parts for connection of switch-over unit A-015 to a manifold	C2				
N.0150.A	Change-over unit series AU-015, for wall mounting, connections R 1", for liquid or gas Cl2 / SO2 service to ensure a continuous gas supply to gas control units by the automatic switching over from exhausted to full ton containers 11 115 power supply: 115 V, 50/60 Hz 11 230 power supply: 230 V, 50/60 Hz	C2				

1 W&T Gas Feed Systems 1.30.30 Cl2/SO2 supply systems pressure manifold for ton containers

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BAE1136	Instruction manual AU-015, German	NT				
BAE1137	Instruction manual AU-015, English	NT				
BAE1138	Instruction manual AU-015, French	NT				
IM.040.198-1DD	Instruction manual CCU Automatic change-over unit CCU, German	NT				
IM.040.198-1DE	Instruction manual CCU Automatic change-over unit CCU, English	NT				
IM.040.198-1DF	Instruction manual CCU Automatic change-over unit CCU, French	NT				
N.2032.A	Chlorine gas strainer for the installation into gas manifolds including connections	C2				
01 CV	R 3/4" for max. 120 kg/h Cl2					+
01 CX	with tongue and groove flanges DN25					+
U-93267	Pressure gauge assembly 0-12 bar, Cl2/SO2/CO2, for installation into a steel manifold 1/2"	C2				
U-91366	Pressure gauge assembly 0-12 bar, Cl2/SO2/NH3, for installation into a steel manifold 3/4"	C2				
UXC-93332	Contact pressure gauge assembly R 1/2", 0-16 bar, Cl2/SO2	C2				
UXA-93332	Contact pressure gauge assembly R 3/4", 0-16 bar, Cl2/SO2	C2				
UXB-93332	Contact pressure gauge assembly R 1", 0-16 bar, Cl2/SO2	C2				
N.002.H	Pressure reducing valve complete with strainer and liquid trap, for installation into a gas manifold Capacity: 14 kg/h Cl2 / 12 kg/h SO2 inlet pressure: 10 bar g outlet pressure: 1.8 bar g	C2				
01 LO	incl. bracket, excl. pressure gauge					+
01 LP	incl. pressure gauge and bracket					+
05 LM	connection: 2 x 1" DIN 477					
05 LN	connection: 2 x 5/8" x 18 NF					
05 LO	connection: in 1" DIN477, out 5/8"NF					
05 LP	connection: 2 x R 3/4"					
05 LQ	connection: 2 x R 1/2"					
08 LM	left side manifold connection					
08 LN	right side manifold connection					
N.002.M	Gas pressure reducing valve capacity: max. 38 kg/h Cl2	C2				
N.002.N	Gas pressure reducing valve, for manual operation capacity: max. 200 kg/h Cl2	C2				

1 W&T Gas Feed Systems 1.30.30 Cl2/SO2 supply systems pressure manifold for ton containers

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXA-3925-G	Shut-off valve for chlorine gas, R 1/2"	C2				
UXB-3925-G	Shut-off valve for chlorine gas, R 3/4"	C2				
U-80668-G	Shut-off valve for chlorine gas, R 1"	C2				
AAC9655	Line ball valve DN 15, Rp 1/2", PN 40	H1				
AAC9658	Line ball valve DN 20, Rp 3/4", PN 40	H1				
AAC9661	Line ball valve DN 25, Rp 1", PN 40	H1				
AAC9664	Line ball valve DN 32, Rp 1-1/4", PN 40	H1				
N.0152.G	Steel pipe, black seamless drawn steel pipe to DIN 2448 incl. fittings and fixing material for the extension of a standard pressure manifold	C2				
05 QB	21.3 x 3.2 - St37 (1/2")					+
05 QC	26.9 x 3.2 - St37 (3/4")					+
05 QD	33.7 x 4.0 - St37 (1")					+

1 W&T Gas Feed Systems

1.30.35 Evaporator with accessories



1 W&T Gas Feed Systems 1.30.35 Evaporator with accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.4750	Evaporator series E-2000 for the evaporation of liquified gases, using an electrically heated water bath (3 x 6 kW), mainly consisting of - pressure vessel with TUV certificate - galvanized water bath tank with cathodic corrosion protection - water supply piping - contact pressure gauge - flanged shut-off valves at evaporator inlet and outlet incl. standard accessories power supply: 3/N/PE AC 400/230 V, 50 Hz	C2				
02 IJ	with automatic waterbath refilling					+
02 IK	with manual waterbath refilling					+
03 IJ	capacity: max. 200 kg Cl2/h					
03 IK	capacity: max. 100 kg SO2/h					
BA-80001-D	Instruction manual Evaporator E-2000, Cl2, German	NT				
BA-80001-E	Instruction manual Evaporator E-2000, Cl2, English	NT				
BA-80001-F	Instruction manual Evaporator E-2000, Cl2, French	NT				
BA-80002-D	Instruction manual Evaporator E-2000. SO2, German	NT				
BA-80002-E	Instruction manual Evaporator E-2000, SO2, English	NT				
BA-80002-F	Instruction manual Evaporator E-2000, SO2, French	NT				
N.4751.A	Rupture disc arrangement used as safety device in case of excessive pressures in liquid gas lines, mainly comprising - 1 rupture disc, with TUV certificate, - 1 contact pressure gauge with adjustable alarm contact, range 0...16 bar g, incl. test valve and fittings - 1 expansion chamber, capacity 20 l, test pressure 125 bar, with TUV certificate - 1 wall bracket - 1 set of fittings	C2				
06 14	nominal response pressure 14.5 bar g +/-10%					
06 22	nominal response pressure 22 bar g +/-10%					

1 W&T Gas Feed Systems 1.30.35 Evaporator with accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.9000.H	<p>Standard control panel</p> <p>for automatic control of evaporator Series E-2000, for wall-mounting, containing all controls necessary for the automatic operation of the evaporator, complete with printed circuit board in 24 V design, Relais-diode technology, self monitoring (wiring, contacts e.g. pressure gauge and thermostat) incl. the following functions:</p> <ul style="list-style-type: none"> - control of water temperature - monitoring of water temperature - monitoring of chlorine pressure - optical and acustical alarms incl. main switch push buttons, pilot lights, test button and lamps for: <ul style="list-style-type: none"> * evaporator ready to operate * common alarm * liquid chlorine min. * chlorine gas max. * rupture disc alarm <p>The control panel is prewired and tested to the valid DIN/VDE/IEC rules. Finish: grey RAL 7032.</p>	C2				
U-13094-G	<p>Evaporator cleaning kit</p> <p>allowing to clean the evaporator without removing the cylinder from the water bath, consisting of a water operated injector with accessories</p>	C2				
U-90940	<p>Pair of flanges</p> <p>R 1", DN 25, PN 40</p>	C2				
N.4752.C	<p>Reducing valve 50.185</p> <p>made as electrically operated combined pressure reducing and shut-off valve series 50-185</p> <p>04 PW capacity: max. 38 kg/h Cl2 04 PX capacity: max. 200 kg/h Cl2 04 PY capacity: max. 200 kg/h SO2 04 PZ capacity: max. 38 kg/h SO2</p>	C2				
N.4752.D	<p>Flanged valve</p> <p>DN25, PN40 for the manual shut-off of liquid and gas lines, complete with gaskets, bolts and nuts</p>	H1				
AAD2572	<p>N2 flushing system</p> <p>incorporating a high pressure reducing valve, check valve, flexible connection, gas isolating valve and pipe extension for a 1/2" resp. 3/4" chlorine gas manifold</p>	C2				

1 W&T Gas Feed Systems

1.30.40 CI2/CO2 supply systems all-vacuum type

1 W&T Gas Feed Systems 1.30.40 Cl2/CO2 supply systems all-vacuum type

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BA-80060-D	Instruction manual Gas supply line, German	NT				
BA-80060-E	Instruction manual Gas supply line, English	NT				
AAB9532	Vacuum regulator - with pressure gauge 0 - 12 bar - cylinder connection 1 in. - 8 BSW - vacuum conn. 1/4"x3/8" (Orifice) made as combined pressure reducing and shut-off valve (downstream vacuum), complete with strainer and liquid trap, max. capacity 4 kg/h Cl2 gas	C1				
UXA-96060	Vacuum regulator capacity max. 4 kg/h Cl2 designed to reduce full supply pressure to operating vacuum (downstream vacuum), with pressure gauge 0 - 12 bar, gas filter and liquid trap - depletion limiting device - connection for cylinders - vacuum connection 1/4"x3/8" (orifice)	C1				
AAB9535	Cylinder manifold made of PVC, for the connection of 2 vacuum regulators, consisting of: 1 x manifold 2-fold 2 m PE hose 1/4" x 3/8" 2 x support brackets for regulating valve 1 x single end spanner SW32 1 x single end spanner SW14 and fixing material	C1				
AAB9538	Extension made of PVC, for connection of another vacuum regulator, consisting of: 1 x manifold 1-fold 1 m PE hose 1/4" x 3/8" 1 x support bracket for vacuum regulator and fixing material	C1				
N.002.D	Vacuum regulator 4 kg/h made as combined pressure reducing and shut-off valve (downstream vacuum), complete with strainer and liquid trap, max. capacity 4 kg/h Cl2 gas incl. 1 set of standard accessories	C1				
01 JB	standard model, without gauge					+
01 JC	standard model, with gauge					+
01 JD	with min-pressure securing device					+
01 JE	with contact pressure gauge 0 - 12 bar					+
02 JB	left side manifold connection					
02 JC	right side manifold connection					
02 JD	for connection to a Cl2 cylinder					
02 JE	for connection to a SO2 cylinder					
02 JF	with yoke					
05 JB	vacuum connection: PE hose 1/4" x 3/8"					
05 JC	vacuum connection: PE hose 3/8" x 1/2"					
05 JD	vacuum connection: PVC pipe DN 15					
05 JF	vacuum connection with orifice					

1 W&T Gas Feed Systems 1.30.40 Cl2/CO2 supply systems all-vacuum type

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.002.F	Set of vacuum regulators switch-over type, containing 2 automatic switch-over valves, designed as combined pressure reducing and shut-off valves (downstream vacuum), complete with strainer and liquid trap (max. capacity 4 kg/h Cl2 gas)	C1				
01 KB	without pressure gauge					+
01 KC	with pressure gauge 0 - 12 bar					+
01 KD	with min-pressure securing device					+
01 KK	with contact pressure gauge 0 - 12 bar					+
02 KB	for a pair of gas manifolds					
02 KC	for one pair of Cl2 cylinders					
02 KD	for one pair of SO2 cylinders					
02 KE	with yoke					
05 KB	vacuum connection: PE hose 1/4" x 3/8"					
05 KC	vacuum connection: PE hose 3/8" x 1/2"					
05 KD	vacuum connection: PVC pipe DN 15					
N.002.E	Vacuum regulator (downstream vacuum), liquid trap and strainer, (max. capacity 10 kg/h Cl2, 8 kg/h CO2 or 9.5 kg/h SO2), including 1 set of standard accessories, with wall bracket	C1				
01 KK	with contact pressure gauge 0 - 12 bar					+
01 KN	without pressure gauge					+
01 KO	with pressure gauge 0 - 12 bar					+
01 KP	with check unit and contact pressure gauge					+
01 KQ	with check unit, without pressure gauge					+
01 KR	with check unit and pressure gauge					+
02 KN	left side manifold connection, Rp1/2", Rp3/4"					
02 KO	right side manifold connection, Rp1/2", Rp3/4"					
05 KN	vacuum connection: PE hose 12 x 2 mm					
05 KO	vacuum connection: PVC pipe DN 15					
N.002.G	Vacuum regulator capacity max. 10 kg/h for the connection to gas manifolds, consisting of 2 combined pressure reducing and shut-off valves (downstream vacuum) each incl. automatic switch- over function, complete with	C1				
01 KK	with contact pressure gauge 0 - 12 bar					+
01 KP	with check unit and contact pressure gauge					+
01 KQ	with check valve without pressure gauge					+
01 KR	with check unit and pressure gauge					+
01 KV	without pressure gauge					+
01 KW	with pressure gauge 0 - 12 bar					+

1 W&T Gas Feed Systems 1.30.40 Cl2/CO2 supply systems all-vacuum type

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N10V	Vacuum regulating unit	C1				
	for drum connection, with combined pressure reducing and shut-off valve, heater and chlorine liquid trap					
01 1	- capacity max.: 10 kg Cl2/h					+
01 2	- max. capacity: 10 kg Cl2/h with check unit					+
01 4	- capacity max.: 4 kg Cl2/h					+
02 1	- designed as pressure reducing valve in vacuum gas supply systems					
02 2	- designed as automatic change-over unit for 4 kg/h Cl2					+
02 3	- designed as automatic change-over unit for 10 kg/h Cl2					+
02 4	- designed as automatic change-over unit for 10 kg/h Cl2 with check unit					+
03 M	- pressure gauge, range 0...12 bar g					+
03 N	- pressure gauge, range 0-12 bar g for automatic change-over unit					+
03 K	- contact pressure gauge, range 0-12 bar					+
03 L	- contact pressure gauge for automatic change-over unit range 0-12 bar set point: 1.5 bar					+
03 O	- without pressure gauge					
04 0	- connecting parts for drum with					
04 1	- drum connection adaptor pipe with					+
04 2	- drum connection adaptor pipe for automatic change-over unit with					+
05 1	union 1 in - 8 BSW					
05 2	union 1 1/4 - 7 BSW					
05 3	union G5/8 DIN ISO 228/1					
05 4	union 3/4 - 14 NPS					
05 5	union M 26x3					
N.002.J	Vacuum regulator	C2				
	Capacity: max. 60 kg/h Cl2 gas installation into a gas manifold, preassembled on a panel for wall mounting, complete with:					
	- vacuum regulating/check unit (downstream vacuum), with electrically heated chlorine inlet block					
	- safety vent valve					
	- vacuum safety valve, to avoid that gas under pressure passes to pipework and chlorinators downstream					
02 UJ	Cl2 gas connection: left side					
02 UK	Cl2 gas connection: right side					
N.002.Q	Vacuum regulator	C2				
	Capacity: max. 200 kg/h Cl2 gas, for installation into a gas manifold, preassembled on a panel for wall mounting, complete with					
	- vacuum regulating/check unit (downstream vacuum), with electrically heated chlorine inlet connection					
	- safety vent valve					
	- vacuum safety valve, to avoid that gas under pressure passes to pipework and chlorinators downstream					
02 UP	with gas inlet on left side					
02 UQ	with gas inlet on right side					

1 W&T Gas Feed Systems 1.30.40 Cl2/CO2 supply systems all-vacuum type

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.012.C	Autom. change-over unit series V-015, for wall mounting, max. capacity: 10 kg/h Cl2, for the uninterrupted gas supply of gas control units by automatic change-over from empty to full containers, comprising: 1 electronic control unit in plastic housing for wall mounting 1 change-over arrangement	C2				
05 EB	connection: PE hose 1/4" x 3/8"					
05 EC	connection: PE hose 3/8" x 1/2"					
05 ED	connection: PVC tube DN 15					
05 EF	connection: PE hose 12 x 2 mm					
11 115	power supply: 115 V, 50/60 Hz					
11 230	power supply: 230 V, 50/60 Hz					
	***** ** In general, 2 vent valves ** ** are required! ** *****					
AAC9721	Autom. Change-Over Valve series V-015, in compact design for wall mounting, designed as electric change-over valve with emergency manual override, for automatic change-over from empty to full containers by CCU control unit in connection with 2 additional vacuum regulators + contact pressure gauges Capacity : max. 10 kg/h Cl2 Connection : PVC pipe DN15 Power supply: 80 - 240 V AC/DC Enclosure : IP 65	C2				
AAB2172	CCU Control box in plastic housing for wall mounting, including: - display "power supply" - display for valve position 1 "open/empty" - display for valve position 2 "open/empty" - button for manual change-over - RESET button including connection for change-over valve heating, 2 digital inputs for external, unpowered contacts and the signal / alarm contacts Dimensions: WxDxH 359 x 100 x 237 mm Power supply: 230 V AC, 47-63 Hz Enclosure: IP 65	C2				
AAB5484	CCU control box ditto, but Power supply: 115 V AC, 47-63 Hz	C2				
BAE1130	Instruction manual V-015, German	NT				
BAE1131	Instruction manual V-015, English	NT				
BAE1132	Instruction manual V-015, French	NT				
IM.040.198-1DD	Instruction manual CCU Automatic change-over unit CCU, German	NT				

1 W&T Gas Feed Systems 1.30.40 Cl2/CO2 supply systems all-vacuum type

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
IM.040.198-1DE	Instruction manual CCU Automatic change-over unit CCU, English	NT				
IM.040.198-1DF	Instruction manual CCU Automatic change-over unit CCU, French	NT				
N.012.U	Bypass arrangement for the switch-over unit V-015 consisting of a manual PVC ball valve for the simultaneous gas withdrawal from two manifolds	C2				
N.012.S	Safety unit compact unit, for installation into the vacuum manifold, consisting of: - safety vent valve opening pressure: 30 mbar cpl. with 5 m hose - vacuum safety valve as safety lock to prevent the gas feeders from overpressure opening pressure: >50 mbar capacity, max.: 15 kg/h Cl2 15 kg/h SO2 7 kg/h NH3 12 kg/h CO2	C1				
05 DL	connection: PE hose 1/4" x 3/8"					
05 DM	connection: PE hose 3/8" x 1/2"					
05 DN	connection: PVC pipe DN 15					
05 DR	connection: PE hose 12 x 2 mm					
N.012.B	Safety vent valve for installation into a vacuum manifold complete with 5m vent line	C1				
05 DB	connection: PE hose 1/4" x 3/8"					
05 DC	connection: PE hose 3/8" x 1/2"					
05 DD	connection: PE hose 12 x 2 mm					
05 DE	connection: PVC tube DN 15					
UXA-93889	Special activated carbon filter Connection: PE hose 1/4" x 3/8" for the vent pipe of the safety vent valve	C1				
N.012.E	Vacuum safety valve for installation between safety vent valve and gas feeder; this valve will be opened only by vacuum downstream and thus avoids an accidental building up of pressure in the pipework downstream in case of a failure of the vacuum regulating valve	C1				
05 DL	connection: PE hose 1/4" x 3/8"					
05 DM	connection: PE hose 3/8" x 1/2"					
05 DN	connection: PVC pipe DN 15					
05 DR	connection: PE hose 12 x 2 mm					
U-96459	Vacuum pressure gauge range: -600 - 0 mbar, for monitoring of the operating vacuum in a cylinder manifold all-vacuum type PVC, DN 15	C2				

1 W&T Gas Feed Systems 1.30.40 CI2/CO2 supply systems all-vacuum type

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.012.D	Contact vacuum gauge measuring range: -1000...0 mbar g for installation into a vacuum gas manifold, used as alarm device in case of empty gas containers 1 x N.O. and 1 x N.C. contact electric load: 230 V, 50 Hz or 24 V DC	C1				
05 FB	connection: PE hose 1/4" x 3/8"					
05 FC	connection: PE hose 3/8" x 1/2"					
05 FD	connection: PE hose 12 x 2 mm					
05 FF	connection: PVC pipe DN 15					
05 FG	connection: PVC pipe DN 25					
05 FH	connection: PVC pipe DN 40					
N.2007.A	Alarm Panel signalling that a change-over from an empty to a full container has taken place, incl. pilot light, acknowledgment button and unpowered contact output, for wall mounting	NT				
N.012.H	Feeder connection for connecting a remote vacuum gas feeder to a PVC vacuum manifold incl. a PVC ball valve for the manual shut off of the gas supply line upstream of the gas feeder	C1				
02 15	made of PVC-tube DN 15					+
02 20	made of PVC-tube DN 20					+
02 25	made of PVC-tube DN 25					+
02 32	made of PVC-tube DN 32					+
02 40	made of PVC-tube DN 40					+
02 50	made of PVC-tube DN 50					+
02 65	made of PVC-tube DN 65					+
05 GR	connection: PE hose 12 x 2 mm					
05 KL	connection: PE hose 1/4" x 3/8"					
05 MI	connection: PE hose 3/8" x 1/2"					
05 15	connection: PVC tube DN 15					
05 25	connection: PVC tube DN 25					
05 40	connection: PVC tube DN 40					
RP-9004468	Pipe d10x1.2 mm, DN 6	H1				
AAC8446	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8503	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8530	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8587	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004501	Pipe d16x1.8 mm, DN 10	H1				
AAC8452	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8506	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8536	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8590	Fixing material for 50m PVC pipe incl. fittings	H1				

1 W&T Gas Feed Systems 1.30.40 Cl2/CO2 supply systems all-vacuum type

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9004525	Pipe DN 15, d20x2.3 mm, PN 16	H1				
AAC8455	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8509	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8539	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8593	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004554	Pipe d25x2.8 mm, DN 20	H1				
AAC8458	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8512	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8542	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8596	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004591	Pipe d32x2.4 mm, DN 25	H1				
AAC8461	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8515	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8545	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8599	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004609	Pipe d40x3.0 mm, DN 32	H1				
AAC8467	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8518	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8548	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8602	Fixing material for 50m PVC pipe incl. fittings	H1				

1 W&T Gas Feed Systems 1.30.40 Cl2/CO2 supply systems all-vacuum type

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9004633	Pipe d50x3.7 mm, DN 40	H1				
AAC8470	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8521	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8578	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8605	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-684818	PE hose 1/4" x 3/8"	H1				
RP-684821	PE hose 3/8" x 1/2"	H1				
RP-9114502	Tubing PE, 12 x 2 mm	H1				
AAC8620	PVC pipe PVC-U, d25x1 mm, length 3 m, incl. fixing material ***** * NOTE: * * Provide 1 x AAC8620 per 3m hose! * *****	H1				
U-91039	Cable clamp d=6-16, incl. fixing material	H1				
U-92164	Cable clamp d=16-24, incl. fixing material	H1				
U-95534	Clamping union PVC, 1/4-18 NPT, with union nut for PE hose 3/8" x 1/4"	C1				
U-24914	Clamping union for PE hose 3/8" x 1/2"	C1				
U-24102	Clamping union for PE hose 12 x 2 mm	C1				
PXB-92760	Threaded socket PVC, 1/4-18 NPT - DN 15	C1				
P-93725	Adaptor nipple PVC, 1/2" NPT, DN 15	C1				
U-93243	Hose coupling for PE hose 1/4" x 3/8"	C2				
U-96163	Hose coupling for PE hose 1/2" x 3/8"	C2				
U-96377	Hose coupling for PE hose 12 x 2 mm	C2				
U-95314	Tee hose coupling for automatic switch-over system PVC, for PE hose 1/4" x 3/8"	C2				
U-96062	Tee hose coupling for automatic switch-over system PVC, for PE hose 3/8" x 1/2"	C2				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
1.30.40 8/8

1 W&T Gas Feed Systems

1.40.10 Gas cylinders and accessories

1 W&T Gas Feed Systems 1.40.10 Gas cylinders and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
U-90292	<p>Chlorine gas cylinder empty, for 65 kg liquid chlorine with TÜV certificate, design code DGV, welded type, incl. cylinder valve, protective cap and proprietor's name. - capacity: 52 l - valve thread: 1"-8 BSW t to DIN 477 T1 - wall thickness: 3.8 mm - test pressure: 35 bar g. - dimensions: h 1225 x dia. 267 mm - tare weight: 36 kg - painting: sandblasted with primer and finish coat yellow to RAL 1018</p>	H1				
U-90291	<p>Chlorine gas cylinder ditto, but filled with 65 kg liquid chlorine</p> <p>***** * Prices for bulk orders of 6 to 20 pcs. * * - empty cylinders EUR 513,00 * * - filled cylinders EUR 638,00 * * Prices for bulk orders above 21 pcs. * * - empty cylinders EUR 500,00 * * - filled cylinders EUR 625,00 * *****</p> <p>IMPORTANT NOTE: All chlorine cylinders for installation in tropical climate at ambient temperature above 40 °C (max. 67 °C) have to be filled with 10 % less than normal!</p>	H1				
U-92889	<p>Cylinder bracket diameter 229 mm for French chlorine or N2 cylinders</p>	C1				
U-92011	<p>Cylinder bracket for 50 kg chlorine cylinders diameter 204 mm or CO2 cylinders</p>	C1				
U-92007	<p>Cylinder bracket for gas cylinders with diameter 267 mm</p>	C1				

1 W&T Gas Feed Systems 1.40.10 Gas cylinders and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD2309	Hydraulic cylinder scale for Cl2 and SO2 cylinder comprising: - scale platform 470x420 mm for 1 cylinder with hydraulic load cell capacity: max. 150 kg - hydraulic dial for wall mounting range: 0-100 kg - fixing material with chaining bracket - installation and instruction manual in English language	H1				
AAD8953	Electronic cylinder scale for Cl2 and SO2 cylinders comprising: - scale platform 470x343 mm with electronic load cell capacity: max. 150 kg - digital indicator with 1-channel-digital display range: 0-200 kg power supply: 100-230V, 50-60Hz, 5W - fixing material with chaining bracket - installation and instruction manual in English language	H1				
AAD9916	Electronic cylinder scale ditto, but with volt-free relay contact	H1				
AAD9919	Dual cylinder scale for Cl2 and SO2 cylinders comprising: - 2 x scale platforms 470x343 mm each - digital indicator with 2-channel-digital display - fixing material with chaining brackets - installation and instruction manual in English language	H1				
AAD9922	Dual cylinder scale ditto, but with 2 volt-free relay contacts	H1				
U-96073	Cylinder hand cart for the transport of a chlorine cylinder, with handle, holding cam, safety chain and rubber tyres. For cylinders up to 267 mm dia. Dimensions: H=1050 x W=480 x D=550 mm Weight: 12 kg	H1				

1 W&T Gas Feed Systems 1.40.10 Gas cylinders and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC9928	<p>Nitrogen Cylinder 50 l</p> <p>with TUV test certification, built to DGV rules, seamless drawn steel type, with initial filling, complete with cylinder valve, protective cap, wall bracket and fixing material</p> <ul style="list-style-type: none"> - capacity: 50l - contents: 10 m³ (11.7 kg) - cylinder thread: W 24.32 x 1/14 to DIN477, No.10 - wall thickness: 5.7 mm - test pressure: 300 bar g - dimensions: dia. 229 mm x 1640 mm high - weight of filled cyl.: 78 kg - tare weight: 66 kg - painting: sandblasted, with primer and finish coat in emerald green to RAL 6001 	H1				
AAC9766	<p>CO2 cylinder 20 kg</p> <p>with TUV test certification, built to DGV rules, seamless drawn steel type, with initial filling, complete with cylinder valve, protective cap, wall bracket and fixing material</p> <ul style="list-style-type: none"> - capacity: 27l - contents: 20 kg - cylinder thread: W 21.80 x 1/14 to DIN477, No.6 - wall thickness: 5.4 mm - test pressure: 250 bar g - dimensions: dia. 204 mm x 1260 mm high - weight of filled cyl.: 58 kg - tare weight: 31 kg - painting: sandblasted, with primer and finish coat grey to RAL 6001 	H1				

1 W&T Gas Feed Systems

1.40.20 Gas drums and accessories

1 W&T Gas Feed Systems 1.40.20 Gas drums and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.108.P	<p>Chlorine drum</p> <p>with Lloyds Register test certificate, built to DIN-EN 14208 rules, welded type, suitable for handling by crane, with 2 roller hoops, head and foot ring proprietor's name plate, including 2 main valves</p> <ul style="list-style-type: none"> - capacity : 840 l - wall thickness: 12 mm - test pressure : 45 bar g - dimensions : L 2020 mm x D 824 mm - tare weight : 650 kg - painting: sandblasted, galvanized, with 2 primer and one finish yellow to RAL 1004 	H1				
02 LV	empty, for 1025 kg liquid Cl2,					
02 LW	filled with 1025 kg liquid Cl2					
05 LV	connection thread 1 1/4" - 7 BSW					
05 LW	connection thread 1" - 8 BSW					
05 LX	connection thread 3/4" 14 NPS (USA)					
05 LY	connection thread 5/8" BS 341 (GB)					
	<p>IMPORTANT NOTE:</p> <p>All chlorine drums for installation in tropical climate at ambient temperatures above 40 °C (max. 67 °C) have to be filled with 10 % less than normal</p>					
N.108.M	<p>Trunnions</p> <p>for the easy positioning of chlorine drums having a diameter of 650 - 900 mm, for floor mounting, one set comprises 2 units suitable for handling of one drum dimensions: L= 510 mm W= 80 mm</p> <p>** For bulk orders of above 25 sets ** ** an additional discount of 5 % ** ** is granted! **</p>	C2				
N.108.N	<p>Roller pallet</p> <p>designed for storage and transport of chlorine drums</p> <p>dimensions : L 2000 x W 1000 mm</p> <p>maximum load: 1500 kg</p> <p>weight : approx. 110 kg</p>	C2				
02 MV	for one 500 kg chlorine drum					
02 MW	for one 1000 kg chlorine drum					
U-96096	<p>Lever Roller</p> <p>for the transport of chlorine drum roller pallets, complete with brake and 2 rubber tyres</p> <ul style="list-style-type: none"> - maximum load: 1500 kg - width : 390 mm - weight : 34 kg 	H1				

1 W&T Gas Feed Systems 1.40.20 Gas drums and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXB-96455	Lifting bracket for lifting of chlorine containers capacity: 2000 kg A = 1300 mm	C2				
UXC-96455	Lifting bracket ditto, but A = 1900 mm	C2				
UXD-96455	Lifting beam ditto, but A = 2100 mm	C2				
AAD1261	Chain hoist for manual operation, for installation on I-beam provided by others - capacity: 1000 kg - number of falls: 1 - beam size: 50 - 179 mm - min. curve radius: 1300 mm - std. lifting height: 3000 mm - height of hoist: min. 345 mm - weight: 21 kg	H1				
AAD1264	Chain hoist for manual operation, for installation on I-beam provided by others - capacity: 2000 kg - number of falls: 1 - beam size: 50 - 173 mm - min. curve radius: 1300 mm - std. lifting height: 3000 mm - height of hoist: min. 491 mm - weight: 31 kg	H1				
AAD1267	Electric Chain Hoist for installation on I-beam provided by others - capacity: 1000 kg - number of falls: 2 - beam size: 50 - 135 mm - std. lifting height: 3000 mm - length of control cable: 1800 mm - height of hoist: approx. 455 mm - weight: approx. 66 kg - lifting speed: 4.5 m/min - travelling speed: 16 m/min - power supply: 230/400V, 50 Hz - motor ratings: lifting motor: 0.75 kW trolley motor: 0.25 kW - enclosure: IP 55 - insulation class: F	H1				
AAD1270	Electric Chain Hoist for installation on I-beam provided by others - capacity: 2000 kg - number of falls: 2 - beam size: 66 - 186 mm - standard lifting height: 3000 mm - length of control cable: 1800 mm - height of hoist: 580 mm - weight: 114 kg - lifting speed: 4.0 m/min - travelling speed: 16 m/min - power supply: 230/400V, 50 Hz - motor ratings: lifting motor: 1.5 kW trolley motor: 0.25 kW - enclosure: IP 55 - insulation class: F	H1				

1 W&T Gas Feed Systems 1.40.20 Gas drums and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD7501	Mechanical scale suspended type, for the determination of the chlorine container contents Operative range: 0-2000 kg diameter of dial: 100 mm accuracy: +/- 1 % of FS overload: up to 50 % of FS for short periods overall height: 730 mm weight: 10.5 kg	H2				
AAD8917	Drum scale for 1 chlorine drum for mounting on a plain horizontal floor, capacity 2000 kg, consisting of: - 1 steel frame - 4 m flexible hydraulic hose - 1 wall mounting indicator range: 700kg...0kg...1200 kg enclosure IP 54 - 1 set of standard accessories - dimensions: L1290 x W690 x H220 mm - weights: steel frame 100 kg load cell & indicator 12 kg	H1				
BAE1092	Instruction manual Analog drum scale, German	NT				
BAE1093	Instruction manual Analog drum scale, English	NT				
BAE1094	Instruction manual Analog drum scale, French	NT				

1 W&T Gas Feed Systems 1.40.20 Gas drums and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD8914	Drum scale frame suitable for 1 chlorine drum for mounting on a plain horizontal floor, capacity 2000 kg, consisting of: - 1 steel support frame - frame integrated weighing sensor IP65 - 10 m cable - 1 set of fixing material - dimensions: L1290 x W690 x H220 mm - weight: steel frame with load cell: 100 kg - painting: RAL 7005	H1				
AAD8920	Digital indicator for 1 drum scale frame including tare weight adjustment device Indication: 2 lines Digit height: 10 mm Accuracy: 0.25 % F.S. Ambient temperature: max. 50 °C Analog output: 4-20 mA Power supply: 1/N/PE 230 V, 50 Hz, 5 W Enclosure: IP 66 Housing dimensions: W229 x H210 x D111 mm including instruction manual in German and English language.	H1				
AAD8923	Digital indicator ditto, but for 2 drum scale frames	H1				
AAD8986	Digital indicator ditto, but for 1 drum scale frame including limit contact	H1				
AAD8989	Digital indicator ditto, but for 2 drum scale frames including 2 limit switches	H1				
BAE1095	Instruction manual Digital drum scale, German	NT				
BAE1096	Instruction manual Digital drum scale, English	NT				
BAE1097	Instruction manual Digital drum scale, French	NT				

2 W&T Liquid Feed Systems

- 2.05.10 Peristaltic metering pump**
- 2.10.01 Piston diaphragm metering Pump Chem-Ad series A**
- 2.10.02 Diaphragm metering pump Chem-Ad series B**
- 2.10.03 Accessories for series A and B**
- 2.10.04 Diaphragm metering pump Chem-Ad series C**
- 2.10.05 Accessories for series C**
- 2.10.06 Diaphragm metering pump Chem-Ad series D**
- 2.10.07 Accessories for series D**
- 2.20.30 Dosing tanks**
- 2.20.40 Valves and accessories**
- 2.20.60 Mobile systems for dosing liquides**

2 W&T Liquid Feed Systems

2.05.10 Peristaltic metering pump



2 W&T Liquid Feed Systems 2.05.10 Peristaltic metering pump

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
PP-150-A	EZeTube Dosing system Metering range: 8 - 150 ml/h consisting of: - Peristaltic metering pump type Chem-Ad® VPP - Capacity kit colour marking: blue back pressure: max. 3 bar - Foot valve with strainer - Injection unit - 15m Soft PVC hose 4 x 1 mm Power supply: 230 VAC	H1				
PP-600-A	EZeTube Dosing system ditto, but Capacity kit 15 - 600 ml/h back pressure: max. 2.5 bar	H1				
PP-2K-A	EZeTube Dosing system ditto, but Capacity kit 45 - 2000 ml/h back pressure: max. 1.5 bar	H1				
PP-4K-A	EZeTube Dosing system ditto, but Capacity kit 15 - 600 ml/h back pressure: max. 1.5 bar	H1				
PPE-150-A	EZeTube Dosing system Metering range: 8 - 150 ml/h consisting of: - Peristaltic metering pump type Chem-Ad® VPP-E - Capacity kit colour marking: blue back pressure: max. 3 bar - Suction pipe, length: 475 mm - Adaptor cap - Injection unit - 15m Soft PVC hose 4 x 1 mm Power supply: 230 VAC	H1				
PPE-600-A	EZeTube Dosing system ditto, but Capacity kit 15 - 600 ml/h back pressure: max. 2.5 bar	H1				
PPE-2K-A	EZeTube Dosing system ditto, but Capacity kit 45 - 2000 ml/h back pressure: max 1.5 bar	H1				
PPE-4K-A	EZeTube Dosing system ditto, but Capacity kit 150 - 4000 ml/h back pressure: max 1.5 bar	H1				
PPE-7K-A	EZeTube Dosing system ditto, but Capacity kit 150 - 7000 ml/h back pressure: max. 1.5 bar	H1				

2 W&T Liquid Feed Systems 2.05.10 Peristaltic metering pump

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC4339	Peristaltic metering pump type Chem-Ad® VPP Self-priming peristaltic metering pump with revolution control, for wall mounting suction height: max. 2 meter duty cycle: 100 % power supply: 230V AC 24 V AC/DC power consumption: 15 VA max. enclosure: IP 65 incl. connection cable 2 m with mains plug, instruction manual, multilingual G/E/F	H1				
AAC4342	Peristaltic metering pump type Chem-Ad® VPP-E Self-priming, microprocessor controlled peristaltic metering pump with revolution control, for wall mounting, with - input for an unpowered control or 4-20 mA analogue signal - input for a tank-empty signal - unpowered relay contact as alarm signal output - fast prime button - On / Off switch suction height: max. 2 meter duty cycle: 100 % power supply: 230 V AC enclosure: IP 65 incl. connection cable 2 m with mains plug, instruction manual. multilingual G/E/F	H1				
AAC7495	Capacity kit 150 for peristaltic metering pump type Chem-Ad® VPP/VPP-E metering range: 8 - 150 ml/h back pressure: max. 3 bar with Pharmed feeding hose ID 0.8 mm and PVDF tube retainer, connections for tubing 4x1 mm colour marking: blue	H1				
AAC4318	Capacity kit 600 ditto, but metering range: 15 - 600 ml/h back pressure: max 2.5 bar colour marking: black	H1				
AAC4321	Capacity kit 2000 ditto, but metering range: 45 - 2000 ml/h back pressure : max. 1.5 bar colour marking: green	H1				
AAC4324	Capacity kit 4000 ditto, but metering range: 150 - 4000 ml/h back pressure : max. 1.5 bar colour marking: red	H1				
AAD3703	Capacity kit 7000 ditto, but metering range: 150 - 7000 ml/h back pressure: max. 1.5 bar colour marking: yellow Note: Only for peristaltic metering pump VPP-E!	H1				
AAC7468	Flow control unit suitable for direct mounting to a peristaltic metering pump Chem-Ad® VPP/VPP-E, as visual indication of dosing function, connections for tubing 4x1 mm	H1				

2 W&T Liquid Feed Systems 2.05.10 Peristaltic metering pump

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
IM.490.250DDEF	Instruction manual Chem-Ad® VPP/VPP-E German, English, French	NT				
AAC4360	Suction pipe with strainer, check valve and tank-empty switch with 5 m connection cable with wire-end sleeves housing: PVC/PVDF gaskets: Viton B ball: glass connections: PE hose 4x1, 6x1 and PVC hose 6x3 mm length: 475 mm	H1				
AAC4363	Suction pipe ditto, but length: 725 mm	H1				
AAB7687	Adaptor cap soft PVC, universally adaptable	H1				
AAC3595	Foot valve with strainer housing : PVDF gasket : Viton B ball : ceramic connections : hose 4x1 mm,	H1				
AAC3574	Solution injection unit for connection to a customer provided socket R 1/2", with check valve and rubber lip to avoid incrustations (calcium deposits) housing : PVC gasket : FPM ball : glass operating pressure: PN 10 connection : hose 4x1 mm	C2				
RP-9144435	Hose soft-PVC, transparent, 4 x 1 mm operating pressure: max. 8 bar/20° C	H1				

2 W&T Liquid Feed Systems

2.10.01 Piston diaphragm metering Pump Chem-Ad series A

Electric motor driven ceramic piston pump with diaphragm prefeed and integral venting system for the feeding of degassing liquids, with manual stroke adjustment

casing: thermoplasting polyester

Pump head/valves: PVDF

Diaphragm: EPDM/PTFE coated

Piston: ceramic

Ball valve: ceramic

Valve spring: Hastelloy/PTFE coated

Number of strokes/min.: 122

Feed rate control: 0 - 100 %

Power supply: 230 V, 50/60 Hz

Enclosure: IP65

Ambient temperature: max. 40°C

Hose connections:

suction side: optional 6x2 PVC-Duo,

6x3 PVC or 6x1 PE hose

discharge side: 2x1 PE for 0.2 l/h

4x1 PE for 0.5-1.4 l/h

Connection cable 2 m with Euro plug



* NOTE: *
* Further materials are available on request! *

2 W&T Liquid Feed Systems 2.10.01 Piston diaphragm metering Pump Chem-Ad series A

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
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*****
*NOTE!!! Our scope of supply includes: *
*1x pump, 2 m PVC/DUO suction hose *
*with return line 6x2 mm, hose *
*connections (2x suction side, *
*1x discharge side), 1x instruction *
*manual as hard copy (only electric *
*control E11) and concise instructions,*
*For electric control E60: instruction *
*manual as CD and concise instructions *
*****
```

Electric control system E11

On/Off switch, stroke signal output
unpowered, tank-empty input signal with
level control pre-warning, tank-empty
output signal, pilot light green and
tank-empty indication pilot light red

Electric control system E60:

- On/Off switch
- back-lit graphic display
- Operation modes:
 - * Internal: strokes/min, per cent, l/h
 - * External: pulse multiplying and
-dividing arrangement, standardised
signal 0/4-20 mA invertible
- tank-empty input signal with
level control pre-warning
- tank-empty/stroke/alarm signal output
- collection of the operating
and consumption data
- monitoring of the feed rate
- feeding lock

2 W&T Liquid Feed Systems 2.10.01 Piston diaphragm metering Pump Chem-Ad series A

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB3844	Metering pump 0.2 l/h, BP 10 bar, 18.7 W Electric control: E11	H1				
AAD6742	Metering pump 0.2 l/h, BP 10 bar, 18.7 W Electric control module: E60	H1				
AAB3847	Metering pump 0.5 l/h, BP 10 bar, 18.7 W Electric control system: E11	H1				
AAD6745	Metering pump 0.5 l/h, BP 10 bar, 18.7 W Electric control module: E60	H1				
AAB3850	Metering pump 0.9 l/h, BP 10 bar, 18.7 W Electric control module: E11	H1				
AAD6748	Metering pump 0.9 l/h, BP 10 bar, 18.7 W Electric control module: E60	H1				
AAB3853	Metering pump 1.4 l/h, BP 10 bar, 18.7 W Electric control module: E11	H1				
AAD6751	Metering pump 1.4 l/h, BP 10 bar, 18.7 W Electric control module: E60	H1				
BA-50110-DEF	Instruction manual Chem-Ad® series A, electric control module E11, trilingual (G/E/F)	NT				
AAB4942	Concise instructions Chem-Ad® series A, electric control module E11, trilingual (G/E/F)	NT				
BAE1014	Instruction manual Chem-Ad® series A, electric control module E60, trilingual (G/E/F)	NT				
BAE1018	Instruction manual Chem-Ad® series A/B/C/D, CD-ROM trilingual (G/E/F)	NT				
BAE1009	Concise instructions Chem-Ad® series A/B/C/D trilingual (G/E/F)	IN				

2 W&T Liquid Feed Systems

2.10.02 Diaphragm metering pump Chem-Ad series B

Electric motor driven diaphragm pump,
for dosing liquid concentrates with
manual stroke adjustment
Casing: thermoplasting polyester
Diaphragm: PTFE coated
Pump head: PVDF
Ball valves: ceramic
Gaskets: Viton B
Number of strokes/ min.: 122
Feed rate control: 0 - 100 %
Power supply: 230 V, 50/60 Hz
Enclosure: IP65
Ambient temperature: max. 40°C
Connections: PE hose 4x1, 6x1 mm
PVC hose 6x3 mm
Connection cable 2 m with Euro plug



* NOTE: *
* Further materials are available on request! *

2 W&T Liquid Feed Systems 2.10.02 Diaphragm metering pump Chem-Ad series B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
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*****
* NOTE!!! Our scope of supply includes:*
* 1 x pump, 2 x hose connections,      *
* 1 x instruction manual as hard copy *
* (for electric control E11) and      *
* concise instructions                *
* For electric control E60:          *
* 1x instruction manual on CD and     *
* concise instructions                *
*****
```

Electric control system E11

On/Off switch, stroke signal output
unpowered, tank-empty input signal with
level control pre-warning, tank-empty
output signal, pilot light green and
tank-empty indication pilot light red

Electric control system E60:

- On/Off switch
- back-lit graphic display
- Operation modes:
 - * Internal: strokes/min, per cent, l/h
 - * External: pulse multiplying and
-dividing arrangement, standardised
signal 0/4-20 mA invertible
- tank-empty input signal with
level control pre-warning
- tank-empty/stroke/alarm signal output
- collection of the operating
and consumption data
- monitoring of the feed rate
- feeding lock

2 W&T Liquid Feed Systems 2.10.02 Diaphragm metering pump Chem-Ad series B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB3892	Metering pump 1.4 l/h, BP 10 bar, 10.4 W Electric control module: E11	H1				
AAD6754	Metering pump 1.4 l/h, BP 10 bar, 10.4 W Electric control module: E60	H1				
AAB3895	Metering pump 2.5 l/h, BP 10 bar, 10.4 W Electric control module: E11	H1				
AAD6757	Metering pump 2.5 l/h, BP 10 bar, 10.4 W Electric control module: E60	H1				
AAB3898	Metering pump 4.3 l/h, BP 10 bar, 18.7 W Electric control module: E11	H1				
AAD6760	Metering pump 4.3 l/h, BP 10 bar, 18.7 W Electric control module: E60	H1				
AAB4786	Metering pump 4.8 l/h, BP 4 bar, 10.4 W Electric control module: E11	H1				
AAD6763	Metering pump 4.8 l/h, BP 4 bar, 10.4 W Electric control module: E60	H1				
AAB4789	Metering pump 7.2 l/h, BP 6 bar, 18.7 W Electric control module: E11	H1				
AAD6766	Metering pump 7.2 l/h, BP 6 bar, 18.7 W Electric control module: E60	H1				
AAB3901	Metering pump 7.2 l/h, BP 10 bar, 30.0 W Electric control module: E11	H1				
AAD6769	Metering pump 7.2 l/h, BP 10 bar, 30.0 W Electric control module: E60	H1				
AAB4792	Metering pump 11.2 l/h, BP 5 bar, 30.0 W Electric control module: E11	H1				
AAD6772	Metering pump 11.2 l/h, BP 5 bar, 30.0 W Electric control module: E60	H1				

2 W&T Liquid Feed Systems 2.10.02 Diaphragm metering pump Chem-Ad series B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BA-50100-DEF	Instruction manual Chem-Ad® series B, electric control module E11, trilingual (G/E/F)	NT				
AAB4933	Concise instructions Chem-Ad® series B, electric control module E11, trilingual (G/E/F)	NT				
BAE1015	Instruction manual Chem-Ad® series B, electric control module E60, trilingual (G/E/F)	NT				
BAE1018	Instruction manual Chem-Ad® series A/B/C/D, CD-ROM trilingual (G/E/F)	NT				
BAE1009	Concise instructions Chem-Ad® series A/B/C/D trilingual (G/E/F)	NT				

2 W&T Liquid Feed Systems

2.10.03 Accessories for series A and B

2 W&T Liquid Feed Systems 2.10.03 Accessories for series A and B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC4696	Wall mounting bracket made of ABS, for series A/B/C	H1				
AAC7594	Wall mount. bracket cpl. ABS, for series A/B/C incl. fixing material	H1				
AAD1942	Priming aid for series B	H1				
N.006.R	Solution injection unit for customer provided socket R 1/2" resp. R 1", for cold water, injection pipe with rubber lips to avoid incrustations (calcium deposits), set opening pressure 1.3 bar g, consisting of: injection pipe, PVC shut-off ball valve and spring-loaded ceck valve with glass ball	C2				
02 TB	size: DN 8 for customer-provided threaded socket R 1/2"				+	
02 TD	size: DN 15 for threaded socket Rp 1 DIN 2999				+	
08 TB	with glass ball					
08 TC	with Hastelloy ball				+	
08 TD	with ceramic ball					
08 TE	for chlorine dioxide solution					
09 TB	connection: PVC hose 4 x 3 mm					
09 TC	connection: PVC hose 6 x 3 mm					
09 TD	connection: PE hose 4 x 1 mm					
09 TE	connection: PE hose 6 x 2 mm					
09 TF	connection: PVC pipe DN 6					
09 TG	connection: PVC pipe DN 8					
09 TH	connection: PE hose 2 x 1 mm					
09 TI	connection: PVC pipe DN 10					
09 TJ	connection: PVC hose 10 x 3 mm					
09 TK	connection: PE hose 10 x 2 mm					
09 TL	connection: PVC hose 12 x 4.5 mm					
09 TM	connection: PVC pipe DN 15					
09 TN	connection: PVC pipe DN 20					
AAB5635	Dosing valve for customer provided socket R 1/4" opening pressure 1.8 bar, incl. spring-loaded check valve Housing: PVDF/PVC Ball: glass Spring: Hastelloy C4 O-ring: Viton B Connections: PE hose 4x1, 6x1 mm PVC hose 6x3 mm	H1				
AAB5638	Dosing valve for customer provided socket R 1/2" opening pressure 1.8 bar, incl. spring-loaded check valve Housing: PVDF/PVC Ball: glass Spring: Hastelloy C4 O-ring: Viton B Connections: PE hose 4x1, 6x1 mm PVC hose 6x3 mm	H1				
AAB5641	Dosing valve for customer provided socket R 1/4" opening pressure 1.8 bar, incl. spring-loaded check valve Housing: PVDF/PVC Ball: glass Spring: Hastelloy C4 O-ring: EPDM Connections: PE hose 4x1, 6x1 mm PVC hose 6x3 mm	H1				

2 W&T Liquid Feed Systems 2.10.03 Accessories for series A and B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB5644	Dosing valve for customer provided socket R 1/2" opening pressure 1.8 bar, incl. spring-loaded check valve Housing: PVDF/PVC Ball: glass Spring: Hastelloy C4 O-ring: EPDM Connections: PE hose 4x1, 6x1 mm PVC hose 6x3 mm	H1				
AAB5248	Multi-function valve G3/8 for series B - constant load valve - pressure relief valve - vent valve - drain valve incl. PTFE-EPDM compound diaphragm connections: 2 x PE hose 4x1, 6x1 mm 2 x PVC hose 6x3 mm body PVDF, O-Ring Viton range 1-5 bar, connection 3/8"	H1				
AAB5251	Multi-function valve G3/8 ditto., but range 5-10 bar, connection 3/8"	H1				
AAB5254	Multi-function valve G3/8 ditto., but body PVDF, O-ring EPDM range 1-5 bar, connection 3/8"	H1				
AAB5257	Multi-function valve G3/8 ditto., but body PVDF, O-ring EPDM range 5-10 bar, connection 3/8"	H1				
BA-50140-DEF	Instruction manual Multi-function valve, trilingual	NT				
	Hoses without fixing material -----					
AAB5632	PVC-Duo hose 6x2 for series A max. operating pressure 8 bar at 20 °C	H1				
RP-9184477	PVC Hose PVC, fibre-reinforced, 6x3 mm max. operating pressure 23 bar at 20°C	H1				
RP-9184471	PVC Hose 4x3 PVC, fiber-reinforced, 4x3 mm for series A and B max. operating pressure 24 bar at 20°C	H1				
RP-9114469	PE hose 6x2 mm max. operating pressure 13 bar at 20°C	H1				
RP-9114451	PE hose 6x1 mm for series A and B max. operating pressure 8 bar at 20°C	H1				
RP-9114435	PE hose PE-LD, 4x1 mm for series A and B max. operating pressure 10 bar at 20°C	H1				

2 W&T Liquid Feed Systems 2.10.03 Accessories for series A and B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9114425	PE hose 2x1 mm for series A max. operating pressure 20 bar at 20°C	H1				
RP-9144451	Hose soft-PVC, transparent, 6 x 1 mm operating pressure: max. 5 bar/20°C for series B	H1				
RP-9144469	Hose 6x2 mm for series B max. operating pressure 9 bar at 20°C	H1				
AAB4675	Hose connection PVDF, G3/8", PE hose 2x1 mm	H1				
AAB4678	Hose connection PVDF, G3/8", PE hose 4x1 mm	H1				
AAC1210	Nipple for PVC hose 4x3 mm	H1				
AAC1213	Clamping ring for PVC hose 4x3	H1				
AAB2881	Nipple for PE hose 4x1 mm for series A/B (3/8")	H1				
AAB2866	Clamping ring for PE hose 4x1 mm for series A/B (3/8")	H1				
AAB2884	Nipple for PE/PVC hose 6x1 or 6x2 mm	H1				
AAB2875	Clamping ring for PE/PVC hose 6x1 mm	H1				
AAB4201	Clamping ring for PE/PVC hose 6x2 mm	H1				
AAB4195	Hose connection for PVC hose 6x3 mm	H1				
AAB2878	Clamping ring for PVC hose 6x3 mm	H1				
AAC4744	Adaptor series A/B, for PVC pipe DN6	H1				
AAB2872	Union nut 3/8" for series A/B, PVDF	H1				
AAB2869	O-Ring FPM, d10x2.5 mm	H1				
AAB5209	Suction pipe length: 475 mm with feedback connection The feedback pipe is arranged inside the withdrawal pipe with integral check valve and strainer, incl. 2 level switches, PVC pipe O-ring: Viton B, ball: glass Connections: ----- PVC-Duo hose 6x2, PVC hose 6x3 mm PE hose 4x1, 6x1 mm for series A and B	H1				

2 W&T Liquid Feed Systems 2.10.03 Accessories for series A and B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB5212	Suction pipe ditto, but length: 725 mm	H1				
AAB5215	Suction pipe ditto, but length: 975 mm	H1				
AAB5218	Suction pipe ditto, but length: 1125 mm	H1				
AAB7717	Suction pipe ditto, but length: 1400 mm	H1				
AAB5689	Suction pipe ditto, but PVC pipe, O-ring: Viton B, ball: PTFE length: 475 mm	H1				
AAB5692	Suction pipe ditto, but length: 725 mm	H1				
AAB5695	Suction pipe ditto, but length: 975 mm	H1				
AAB5698	Suction pipe ditto, but length: 1125 mm	H1				
AAB7720	Suction pipe ditto, but length: 1400 mm	H1				

2 W&T Liquid Feed Systems 2.10.03 Accessories for series A and B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB7687	Adaptor cap soft PVC, universally adaptable	H1				
AAB5413	Adaptor cap soft PVC, suitable for 10 l carboy	H1				
AAB5416	Adaptor cap PVC, srew type, 30l carboy	H1				
AAB6145	Adaptor cap for suction pipe 32 mm made of hard PVC / Viton B feed back connection: 4x1 /6x3 mm vent connection : 6x3 mm	H1				
AAB5194	Suction pipe length: 540 mm without feedback connection with integral ball check valve and strainer, 2 level switches, 5 m connection cable with mains plug Connections: ----- PE hose 4x1, 6x1 mm PVC hose 6x3 mm PVC-pipe, O-ring Viton B, ball glass	H1				
AAB5197	Suction pipe ditto, but length: 750 mm	H1				
AAB5203	Suction pipe ditto, but length: 970 mm	H1				
AAB5206	Suction pipe ditto, but length: 1125 mm	H1				
AAB5401	Adaptor cap without feedback connection, PVC hard, screw type for 10 l carboy	H1				
AAB5404	Adaptor cap without feedback connection, PVC hard, screw type for 20 l carboy	H1				
AAB5407	Adaptor cap without feedback connection, PVC hard, screw type for 30 l carboy	H1				
AAB5410	Adaptor cap without feedback connection, PVC hard, screw type for 60 l carboy	H1				

2 W&T Liquid Feed Systems 2.10.03 Accessories for series A and B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB6112	Plug 3 poles/ cable 5 m for tank-empty signal input	H1				
AAB6118	Plug 5 poles/ cable 5 m for pulse/analogue signal input	H1				
AAB6121	Plug 4 poles/ cable 5 m tank-empty/stroke signal output	H1				
AAB2899	Plug 3/4 poles tank-empty input signal, without cable	H1				
AAB2902	Plug 4 poles tank-empty/stroke/alarm signal output without cable	H1				
AAB2905	Plug 5 poles for pulse/analogue signal input	H1				

2 W&T Liquid Feed Systems

2.10.04 Diaphragm metering pump Chem-Ad series C

Electric motor driven diaphragm pump,
for dosing liquid concentrates with
manual stroke adjustment
Casing: thermoplasting polyester
Diaphragm PTFE coated
Ball valves: ceramic
Gaskets: Viton B
Number of strokes/min.: 124
Feed rate control: 0 - 100 %
Power supply: 230 V, 50/60 Hz
Enclosure: IP54
Rating: 90 W
Ambient temperature: max. 40°C
Hose connections: PVC 6x3 mm for 16 l/h
PVC 10x3 mm for 25-54 l/h
PVC 12x4.5 mm for 80-120 l/h



* NOTE: *
* Further materials are available on request! *

2 W&T Liquid Feed Systems 2.10.04 Diaphragm metering pump Chem-Ad series C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	<p>***** * NOTE!!! Our scope of supply includes:* * 1 x pump, 2 x hose connections, * * 1 x instruction manual as hard copy * * (for electric control E00/11) * * and concise instructions * * For electric control E60: * * 1x instruction manual on CD and * * concise instructions * *****</p> <p>Electric control system E00 ----- Terminal box at the motor</p> <p>Electric control system E11 ----- On/Off switch, stroke signal output unpowered, tank-empty input signal with level control pre-warning, tank-empty output signal, pilot light green and tank-empty indication pilot light red</p> <p>Electric control system E60 ----- - On/Off switch - back-lit grafic display - Operation modes: * Internal: strokes/min, per cent, l/h * External: pulse multiplying and -dividing arrangement, standardised signal 0/4-20 mA invertible - tank-empty input signal with level control pre-warning - tank-empty/stroke/alarm signal output - collection of the operating and consumption data - monitoring of the feed rate - feeding lock</p>					

2 W&T Liquid Feed Systems 2.10.04 Diaphragm metering pump Chem-Ad series C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB7330	Metering pump 16 l/h, BP 10 bar, 90 W Pump head: PP Electric control module: E00	H1				
AAB6331	Metering pump 16 l/h, BP 10 bar, 90 W Pump head: PP Electric control module: E11	H1				
AAD6775	Metering pump 16 l/h, BP 10 bar, 90 W Pump head: PP Electric control module: E60	H1				
AAB7270	Metering pump 16 l/h, BP 10 bar, 90 W Pump head: PVDF Electric control module: E00	H1				
AAB6211	Metering pump 16 l/h, BP 10 bar, 90 W Pump head: PVDF Electric control module: E11	H1				
AAD6790	Metering pump 16 l/h, BP 10 bar, 90 W Pump head: PVDF Electric control module: E60	H1				
AAB7333	Metering pump 25 l/h, BP 10 bar, 90 W Pump head: PP Electric control module: E00	H1				
AAB6337	Metering pump 25 l/h, BP 10 bar, 90 W Pump head: PP Electric control module: E11	H1				
AAD6778	Metering pump 25 l/h, BP 10 bar, 90 W Pump head: PP Electric control module: E60	H1				
AAB7273	Metering pump 25 l/h, BP 10 bar, 90 W Pump head: PVDF Electric control module: E00	H1				
AAB6214	Metering pump 25 l/h, BP 10 bar, 90 W Pump head: PVDF Electric control module: E11	H1				
AAD6793	Metering pump 25 l/h, BP 10 bar, 90 W Pump head: PVDF Electric control module: E60	H1				
AAB7336	Metering pump 54 l/h, BP 10 bar, 90 W Pump head: PP Electric control module: E00	H1				
AAB6340	Metering pump 54 l/h, BP 10 bar, 90 W Pump head: PP Electric control module: E11	H1				
AAD6781	Metering pump 54 l/h, BP 10 bar, 90 W Pump head: PP Electric control module: E60	H1				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
2.10.04 2/4

2 W&T Liquid Feed Systems 2.10.04 Diaphragm metering pump Chem-Ad series C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB7276	Metering pump 54 l/h, BP 10 bar, 90 W Pump head: PVDF Electric control module: E00	H1				
AAB6217	Metering pump 54 l/h, BP 10 bar, 90 W Pump head: PVDF Electric control module: E11	H1				
AAD6796	Metering pump 54 l/h, BP 10 bar, 90 W Pump head: PVDF Electric control module: E60	H1				
AAB7339	Metering pump 80 l/h, BP 4 bar, 90 W Pump head: PP Electric control module: E00	H1				
AAB6343	Metering pump 80 l/h, BP 4 bar, 90 W Pump head: PP Electric control module: E11	H1				
AAD6784	Metering pump 80 l/h, BP 4 bar, 90 W Pump head: PP Electric control module: E60	H1				
AAB7279	Metering pump 80 l/h, BP 4 bar, 90 W Pump head: PVDF Electric control module: E00	H1				
AAB6220	Metering pump 80 l/h, BP 4 bar, 90 W Pump head: PVDF Electric control module: E60	H1				
AAD6799	Metering pump 80 l/h, BP 4 bar, 90 W Pump head: PVDF Electric control module: E60	H1				
AAB7342	Metering pump 120 l/h, BP 3 bar, 90 W Pump head: PP Electric control module: E00	H1				
AAB6346	Metering pump 120 l/h, BP 3 bar, 90 W Pump head: PP Electric control module: E11	H1				
AAD6787	Metering pump 120 l/h, BP 3 bar, 90 W Pump head: PP Electric control module: E60	H1				
AAB7282	Metering pump 120 l/h, BP 3 bar, 90 W Pump head: PVDF Electric control module: E00	H1				
AAB6223	Metering pump 120 l/h, BP 3 bar, 90 W Pump head: PVDF Electric control module: E11	H1				
AAD6802	Metering pump 120 l/h, BP 3 bar, 90 W Pump head: PVDF Electric control module: E60	H1				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
2.10.04 3/4

2 W&T Liquid Feed Systems 2.10.04 Diaphragm metering pump Chem-Ad series C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BA-50120-DEF	Instruction manual series C, electric control module E00/11 trilingual (G/E/F)	NT				
AAB6460	Concise instructions series C, electric control module E00/11 trilingual (G/E/F)	NT				
BAE1016	Instruction manual series C, electric control module E60 trilingual (G/E/F)	NT				
BAE1018	Instruction manual Chem-Ad® series A/B/C/D, CD-ROM trilingual (G/E/F)	NT				
BAE1009	Concise instructions Chem-Ad® series A/B/C/D trilingual (G/E/F)	NT				

2 W&T Liquid Feed Systems

2.10.05 Accessories for series C

2 W&T Liquid Feed Systems 2.10.05 Accessories for series C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC4696	Wall mounting bracket made of ABS, for series A/B/C	H1				
AAC7594	Wall mount. bracket cpl. ABS, for series A/B/C incl. fixing material	H1				
N.006.R	Solution injection unit for customer provided socket R 1/2" resp. R 1", for cold water, injection pipe with rubber lips to avoid incrustations (calcium deposits), set opening pressure 1.3 bar g, consisting of: injection pipe, PVC shut-off ball valve and spring-loaded ceck valve with glass ball	C2				
02 TB	size: DN 8 for customer-provided threaded socket R 1/2"			+		
02 TD	size: DN 15 for threaded socket Rp 1 DIN 2999			+		
08 TB	with glass ball					
08 TC	with Hastelloy ball			+		
08 TD	with ceramic ball					
08 TE	for chlorine dioxide solution					
09 TB	connection: PVC hose 4 x 3 mm					
09 TC	connection: PVC hose 6 x 3 mm					
09 TD	connection: PE hose 4 x 1 mm					
09 TE	connection: PE hose 6 x 2 mm					
09 TF	connection: PVC pipe DN 6					
09 TG	connection: PVC pipe DN 8					
09 TH	connection: PE hose 2 x 1 mm					
09 TI	connection: PVC pipe DN 10					
09 TJ	connection: PVC hose 10 x 3 mm					
09 TK	connection: PE hose 10 x 2 mm					
09 TL	connection: PVC hose 12 x 4.5 mm					
09 TM	connection: PVC pipe DN 15					
09 TN	connection: PVC pipe DN 20					
AAC7312	Dosing valve for customer provided socket R 1/2" with injection pipe and spring-loaded check valve opening pressure 0.9 bar, Housing: PVDF/PVC Ball: Glass Spring: Hastelloy C4 O-ring: Viton B Connections: PE hose 4x1, 6x1 mm PVC hose 6x3 mm	H1				
AAC7315	Dosing valve ditto, but O-ring EPDM	H1				
AAB7399	Dosing valve for customer provided socket R 1 1/4" opening pressure 0.8 bar, incl. spring-loaded check valve Ball: glass Spring: Hastelloy C4 O-ring: Viton B Connections: PVC hose 12x4.5 mm Material: PVDF	H1				
AAB7402	Dosing valve ditto, but O-ring EPDM	H1				

2 W&T Liquid Feed Systems 2.10.05 Accessories for series C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB6973	Multi-function valve 5/8" for series C, 16-54 l/h - constant load valve - pressure relief valve - vent valve - drain valve incl. PTFE-EPDM compound diaphragm connections: 2 x PVC hose 6x3, 10x3 mm for 16-54 l/h 2 x PVC hose 12x4.5 mm for 80-120 l/h body PVDF, O-Ring Viton range 1-5 bar, connection 5/8"	H1				
AAB6976	Multi-function valve 5/8" ditto, but range 5-10 bar, connection 5/8"	H1				
AAB6979	Multi-function valve 5/8" ditto, but body PVDF, O-ring EPDM range 1-5 bar, connection 5/8"	H1				
AAB6982	Multi-function valve 5/8" ditto, but range 5-10 bar, connection 5/8"	H1				
AAB7003	Multi-funct. valve 1 1/4" ditto, but for 80-120 l/h body PVDF, O-ring Viton B range 1-5 bar, connection 1 1/4"	H1				
AAB7009	Multi-funct. valve 1 1/4" ditto, but body PVDF, O-ring EPDM range 1-5 bar, connection 1 1/4"	H1				
BA-50140-DEF	Instruction manual Multi-function valve, trilingual	NT				
RP-9114469	PE hose 6x2 mm max. operating pressure 13 bar at 20°C	H1				
RP-9184477	PVC Hose PVC, fibre-reinforced, 6x3 mm max. operating pressure 23 bar at 20°C	H1				
RP-9184504	PVC Hose PVC, fiber-reinforced, 10x3 mm	H1				
RP-9184543	Hose PVC, fibre-reinforced, 12x4,5 mm max. operating pressure 15 bar at 20 °C	H1				
P-92938	Union end PVC, DN 6	H1				
AAB8839	Union end PVC-U, DN 8 - DN 10	C2				
AAB8452	Union end PVC-C, DN 10	C2				
AAB7000	Hose connector parts PE, for PE hose 6 x 2 mm	H1				
AAB6985	Hose connector parts PVDF, for PE hose 6 x 2 mm	H1				

2 W&T Liquid Feed Systems 2.10.05 Accessories for series C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB6580	Nipple for PVC hose 6 x 3 mm	H1				
AAB6586	Clamping ring for PVC hose 6 x 3 mm	H1				
AAB8608	Hose connector parts 5/8", PVC hose 10x3 mm	H1				
AAB9001	Hose connector parts PVDF, for PVC hose 10 x 3 mm	H1				
AAB8650	Hose connector parts PVDF, for PVC Hose 12 x 4.5 mm	H1				
AAB6595	Union end, 1.4571, G1/4" for pipe made of stainless steel	H1				
AAB6598	Union nut 1.4571 for G 5/8" suction/discharge valve	H1				
P-100466	O-Ring FPM, d12 x 2,5 mm	H1				
AAB6592	Union nut PVDF, G5/8	H1				
P-100356	Union end PVC, DN 20	H1				
AAB6673	Nipple PVC, for PVC hose 12 x 4,5 mm	H1				
AAB6679	Clamping ring PVC, for PVC hose 12 x 4,5 mm	H1				
AAB6691	Union end 1.4571, G3/4 G 3/4	H1				
AAB6688	Union nut 1.4305 G 1 1/4	H1				
AAB6670	O-Ring for G 1 1/4 suction/discharge valve	H1				
P-100364	Union nut PVC, DN 20	H1				
AAB7036	Suction pipe for series C 16 - 54 l/h with 2 fold tank-empty signal and 5 m connection cable with 3 pole plug, withdrawal pipe with integral ball check valve and strainer without feedback connection suction pipe: PVC gasket: Viton ball glass Connections: PVC hose 6x3, 10x3 mm Length: 475 mm	H1				
AAB7039	Suction pipe ditto, but length: 725 mm	H1				
AAB7042	Suction pipe ditto, but length: 975 mm	H1				
AAB7045	Suction pipe ditto, but length: 1125 mm	H1				

2 W&T Liquid Feed Systems 2.10.05 Accessories for series C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB7732	Suction pipe ditto, but Length: 1400 mm	H1				
AAB7048	Suction pipe ditto, but PVC pipe, O-ring Viton B, ball PTFE Length: 475 mm	H1				
AAB7051	Suction pipe ditto, but Length: 725 mm	H1				
AAB7054	Suction pipe ditto, but Length: 975 mm	H1				
AAB7057	Suction pipe ditto, but Length: 1125 mm	H1				
AAB7735	Suction pipe ditto, but Length: 1400 mm	H1				
AAB7087	Suction pipe for series C 80 - 120 l/h with 2 fold tank-empty signal and 5 m connection cable with 3 pole plug, withdrawal pipe with integral check valve and strainer without feedback connection Suction pipe: PVC O-ring: Viton Ball: glass Connections: PVC hose 12x4.5 mm Length: 475 mm	H1				
AAB7090	Suction pipe ditto, but length: 725 mm	H1				
AAB7093	Suction pipe ditto, but length: 975 mm	H1				
AAB7096	Suction pipe ditto, but length: 1125 mm	H1				
AAB7744	Suction pipe ditto, but Length: 1400 mm	H1				
AAB7099	Suction pipe ditto, but PVC pipe, O-ring Viton B, ball PTFE Length: 475 mm	H1				
AAB7102	Suction pipe ditto, but Length: 725 mm	H1				
AAB7105	Suction pipe ditto, but Length: 975 mm	H1				
AAB7108	Suction pipe ditto, but Length: 1125 mm	H1				
AAB7747	Suction pipe ditto, but Length: 1400 mm	H1				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
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2 W&T Liquid Feed Systems 2.10.05 Accessories for series C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB7687	Adaptor cap soft PVC, universally adaptable	H1				
AAB5413	Adaptor cap soft PVC, suitable for 10 l carboy	H1				
AAB5416	Adaptor cap PVC, srew type, 30l carboy	H1				
AAB6145	Adaptor cap for suction pipe 32 mm made of hard PVC / Viton B feed back connection: 4x1 /6x3 mm vent connection : 6x3 mm	H1				
AAB6112	Plug 3 poles/ cable 5 m for tank-empty signal input	H1				
AAB6118	Plug 5 poles/ cable 5 m for pulse/analogue signal input	H1				
AAB6121	Plug 4 poles/ cable 5 m tank-empty/stroke signal output	H1				
AAB2899	Plug 3/4 poles tank-empty input signal, without cable	H1				
AAB2902	Plug 4 poles tank-empty/stroke/alarm signal output without cable	H1				
AAB2905	Plug 5 poles for pulse/analogue signal input	H1				

2 W&T Liquid Feed Systems

2.10.06 Diaphragm metering pump Chem-Ad series D

Electric motor driven diaphragm pump
for dosing liquid concentrates with
manual stroke adjustment
Casing: thermoplasting polyester
Diaphragm: PTFE/EPDM compound diaphragm
Number of strokes/min: 120 at 140-630l/h
144 at 750l/h
Feed rate control: 0-100 %
Power supply: 230 V, 50/60 Hz
Enclosure: IP55
Rating: 300 W
Ambient temperature: max. 40 °C



* NOTE: *
* Further materials are available on request! *

2 W&T Liquid Feed Systems 2.10.06 Diaphragm metering pump Chem-Ad series D

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
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*****
* NOTE!!! Our scope of supply includes:*
* 1 x pump, 2 x hose connections,      *
* 1 x instruction manual as hard copy  *
* (for electric control E00) and      *
* concise instructions                 *
* For electric control E60:           *
* 1x instruction manual on CD and     *
* concise instructions                 *
*****
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```
Electric control system E00
-----
Terminal box at the motor
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```
Electric control system E60
-----
- On/Off switch
- back-lit grafic display
- Operation modes:
  * Internal: strokes/min, per cent, l/h
  * External: pulse multiplying and
    -dividing arrangement, standardised
    signal 0/4-20 mA invertible
- tank-empty input signal with
  level control pre-warning
- tank-empty/stroke/alarm signal output
- collection of the operating
  and consumption data
- monitoring of the feed rate
- feeding lock
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2 W&T Liquid Feed Systems 2.10.06 Diaphragm metering pump Chem-Ad series D

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD6850	Metering pump 140 l/h, BP 10 bar, 300 W Pump head: PP Electric control module: E00	H1				
AAD6820	Metering pump 140 l/h, BP 10 bar, 300 W Pump head: PP Electric control module: E60	H1				
AAD6835	Metering pump 140 l/h, BP 10 bar, 300 W Pump head: PVDF Electric control module: E00	H1				
AAD6805	Metering pump 140 l/h, BP 10 bar, 300 W Pump head: PVDF Electric control module: E60	H1				
AAD6853	Metering pump 210 l/h, BP 8 bar, 300 W Pump head: PP Electric control module: E00	H1				
AAD6823	Metering pump 210 l/h, BP 8 bar, 300 W Pump head: PP Electric control module: E60	H1				
AAD6838	Metering pump 210 l/h, BP 8 bar, 300 W Pump head: PVDF Electric control module: E00	H1				
AAD6808	Metering pump 210 l/h, BP 8 bar, 300 W Pump head: PVDF Electric control module: E60	H1				
AAD6856	Metering pump 450 l/h, BP 6 bar, 300 W Pump head: PP Electric control module: E00	H1				
AAD6826	Metering pump 450 l/h, BP 6 bar, 300 W Pump head: PP Electric control module: E60	H1				
AAD6841	Metering pump 450 l/h, BP 6 bar, 300 W Pump head: PVDF Electric control module: E00	H1				
AAD6811	Metering pump 450 l/h, BP 6 bar, 300 W Pump head: PVDF Electric control module: E60	H1				
AAD6859	Metering pump 630 l/h, BP 4 bar, 300 W Pump head: PP Electric control module: E00	H1				
AAD6829	Metering pump 630 l/h, BP 4 bar, 300 W Pump head: PP Electric control module: E60	H1				
AAD6844	Metering pump 630 l/h, BP 4 bar, 300 W Pump head: PVDF Electric control module: E00	H1				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
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2 W&T Liquid Feed Systems 2.10.06 Diaphragm metering pump Chem-Ad series D

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD6814	Metering pump 630 l/h, BP 4 bar, 300 W Pump head: PVDF Electric control module: E60	H1				
AAD6862	Metering pump 750 l/h, BP 3 bar, 300 W Pump head: PP Electric control module: E00	H1				
AAD6832	Metering pump 750 l/h, BP 3 bar, 300 W Pump head: PP Electric control module: E60	H1				
AAD6847	Metering pump 750 l/h, BP 3 bar, 300 W Pump head: PVDF Electric control module: E00	H1				
AAD6817	Metering pump 750 l/h, BP 3 bar, 300 W Pump head: PVDF Electric control module: E60	H1				
AAC1405	Connector parts for series D 140-210 l/h (suction side), for PVC pipe DN 20	H1				
AAC1411	Connector parts for series D 450-750 l/h (suction side), for PVC pipe DN 32	H1				
AAC1408	Connector parts for series D 140-210 l/h (discharge side) for PVC pipe DN 15	H1				
AAC1414	Connector parts for series D 450-750 l/h (discharge side) for PVC pipe DN 25	H1				
AAB6112	Plug 3 poles/ cable 5 m for tank-empty signal input	H1				
AAB2899	Plug 3/4 poles tank-empty input signal, without cable	H1				
BA-50130-DEF	Instruction manual series D, electric control module E00 trilingual (G/E/F)	NT				
AAC1402	Concise instructions series D, electric control module E00 trilingual (G/E/F)	NT				
BAE1017	Instruction manual series D, electric control module E60 trilingual (G/E/F)	NT				
BAE1018	Instruction manual Chem-Ad® series A/B/C/D, CD-ROM trilingual (G/E/F)	NT				
BAE1009	Concise instructions Chem-Ad® series A/B/C/D trilingual (G/E/F)	NT				

2 W&T Liquid Feed Systems

2.10.07 Accessories for series D

2 W&T Liquid Feed Systems 2.10.07 Accessories for series D

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC1492	Wall mount bracket for series D, V4A	H1				
N.006.R	Solution injection unit for customer provided socket R 1/2" resp. R 1", for cold water, injection pipe with rubber lips to avoid incrustations (calcium deposits), set opening pressure 1.3 bar g, consisting of: injection pipe, PVC shut-off ball valve and spring-loaded ceck valve with glass ball	C2				
02 TB	size: DN 8					+
02 TD	for customer-provided threaded socket R 1/2" size: DN 15					+
	for threaded socket Rp 1 DIN 2999					
08 TB	with glass ball					
08 TC	with Hastelloy ball					+
08 TD	with ceramic ball					
08 TE	for chlorine dioxide solution					
09 TB	connection: PVC hose 4 x 3 mm					
09 TC	connection: PVC hose 6 x 3 mm					
09 TD	connection: PE hose 4 x 1 mm					
09 TE	connection: PE hose 6 x 2 mm					
09 TF	connection: PVC pipe DN 6					
09 TG	connection: PVC pipe DN 8					
09 TH	connection: PE hose 2 x 1 mm					
09 TI	connection: PVC pipe DN 10					
09 TJ	connection: PVC hose 10 x 3 mm					
09 TK	connection: PE hose 10 x 2 mm					
09 TL	connection: PVC hose 12 x 4.5 mm					
09 TM	connection: PVC pipe DN 15					
09 TN	connection: PVC pipe DN 20					
RP-9004525	Pipe DN 15, d20x2.3 mm, PN 16 discharge side for 140-210 l/h	H1				
RP-9004554	Pipe d25x2.8 mm, DN 20 suction side for 140-210 l/h	H1				
RP-9004593	Pipe PVC, d32x3.6 mm, DN 25 discharge side for 450-750 l/h	H1				
RP-9004612	Pipe PVC, d40x4.5 mm, DN 32 suction side for 450-750 l/h	H1				

2 W&T Liquid Feed Systems

2.20.30 Dosing tanks

2 W&T Liquid Feed Systems 2.20.30 Dosing tanks

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	<p>Solution Tank Material: UV stabilised transparent PE complete with: - integral integration in 1 - screw type lid with lock, incl. EPDM gasket - integral threaded socket 3/4" for drain connection respectively for withdrawal valve, incl. plug with EPDM gasket</p>					
AAC4027	<p>Dosing tank capacity 60 l dimensions dia 420 x height 580 mm</p>	H1				
AAC5155	<p>Dosing tank capacity 75 l dimensions dia 460 x height 600 mm</p>	H1				
AAC4030	<p>Dosing tank capacity 100 l dimensions dia 460 x height 760 mm</p>	H1				
AAC5158	<p>Dosing tank capacity 140 l dimensions dia 600 x height 660 mm</p>	H1				
AAC5161	<p>Dosing tank capacity 200 l dimensions dia 600 x height 880 mm</p>	H1				
AAC5164	<p>Dosing tank capacity 250 l dimensions dia 670 x height 880 mm</p>	H1				
AAC5167	<p>Dosing tank capacity 300 l dimensions dia 670 x height 1030 mm</p>	H1				
AAC5170	<p>Dosing tank capacity 400 l dimensions dia 790 x height 980 mm</p>	H1				
AAC5173	<p>Dosing tank capacity 500 l dimensions dia 790 x height 1170 mm</p>	H1				
AAC5176	<p>Dosing tank capacity 800 l dimensions dia 1100 x height 1020 mm</p>	H1				
AAC5179	<p>Dosing tank capacity 1000 l dimensions dia 1100 x height 1240 mm</p>	H1				
AAD1525	<p>Suction pipe length: 525 mm with feedback connection The feedback pipe is arranged inside the withdrawal pipe with integral check valve and strainer, incl. 2 level switches, PVC pipe O-ring: Viton B, ball: glass</p> <p>Connections: PVC-Duo hose 6x2, PVC hose 6x3 mm PE hose 6x1 mm for series A and B for dosing tank 60, 75 and 140 l</p>	H1				
AAB5212	<p>Suction pipe ditto, but length: 725 mm for dosing tank 100 l</p>	H1				

2 W&T Liquid Feed Systems 2.20.30 Dosing tanks

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD1528	Suction pipe ditto, but length: 775 mm for dosing tank 200 and 250 l	H1				
AAB5215	Suction pipe ditto, but length: 975 mm for dosing tank 300, 400 and 800 l	H1				
AAB5218	Suction pipe ditto, but length: 1125 mm for dosing tank 500 and 1000 l	H1				
AAB7036	Suction pipe for series C 16 - 54 l/h with 2 fold tank-empty signal and 5 m connection cable with 3 pole plug, withdrawal pipe with integral ball check valve and strainer without feedback connection suction pipe: PVC gasket: Viton ball glass Connections: PVC hose 6x3, 10x3 mm Length: 475 mm for dosing tank 140 l	H1				
AAB7039	Suction pipe ditto, but length: 725 mm for dosing tank 200 - 250 l	H1				
AAB7042	Suction pipe ditto, but length: 975 mm for dosing tank 300, 400 and 800 l	H1				
AAB7045	Suction pipe ditto, but length: 1125 mm for dosing tank 500 and 1000 l	H1				
AAB7087	Suction pipe for series C 80 - 120 l/h with 2 fold tank-empty signal and 5 m connection cable with 3 pole plug, withdrawal pipe with integral check valve and strainer without feedback connection Suction pipe: PVC O-ring: Viton Ball: glass Connections: PVC hose 12x4.5 mm Length: 475 mm for dosing tank 140 l	H1				
AAB7090	Suction pipe ditto, but length: 725 mm for dosing tank 200 - 250 l	H1				
AAB7093	Suction pipe ditto, but length: 975 mm for dosing tank 300, 400 and 800 l	H1				
AAB7096	Suction pipe ditto, but length: 1125 mm for dosing tank 500 and 1000 l	H1				
AAB7687	Adaptor cap for 201, 301 and 601 carboys	H1				

2 W&T Liquid Feed Systems 2.20.30 Dosing tanks

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB8953	Safety tank made of PE, black for 60 - 200 l dosing tanks contents: 221 l dimensions: 700 x 700 x 450 mm	H1				
AAB8956	Safety tank made of PE, black for 300 l and 500 l dosing tanks contents: 523 l dimensions: 950 x 1100 x 500 mm	H1				
AAB8959	Safety tank made of PE, black for 750 l and 1000 l dosing tanks contents: 1013 l dimensions: 1350 x 1500 x 500 mm	H1				
AAC7906	Bund for NaClO carboy made of UV stabilised polyethylene volume: 1250 l dimensions: 1860 x 1860 x 655 mm	H1				
AAB3211	Manually operated stirrer for installation into the dosing tank	H1				
AAC5101	Stirrer 230/400V,50Hz with reinforced bearing Rating: 120 W Enclosure: IP 54 Isolation class: F Shaft: St37, PVDF coated length = 475 mm incl. fixing material for dosing tank 75 l	H1				
AAC5104	Stirrer 230/400V,50Hz for dosing tank 100 l	H1				
AAC5107	Stirrer 230/400V,50Hz for dosing tank 140 l	H1				
AAC5110	Stirrer 230/400V,50Hz for dosing tank 200 l	H1				
AAC5113	Stirrer 230/400V,50Hz for dosing tank 250 l	H1				
AAC5116	Stirrer 230/400V,50Hz for dosing tank 300 l	H1				
AAC5119	Stirrer 230/400V,50Hz for dosing tank 400 l	H1				
AAC5122	Stirrer 230/400V,50Hz for dosing tank 500 l	H1				
AAC5125	Stirrer 230/400V,50Hz for dosing tank 800 l	H1				
AAC5128	Stirrer 230/400V,50Hz for dosing tank 1000 l	H1				
AAC5131	Capacitor for electric stirrer 230 V, 50 Hz for dosing tank 75 - 500 l	H1				
AAC5134	Capacitor ditto, but for dosing tank 800 - 1000 l	H1				

2 W&T Liquid Feed Systems 2.20.30 Dosing tanks

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC5137	Stirrer flange PE for dosing tank 75 - 100 l	H1				
AAC5140	Stirrer flange PE for dosing tank 140 - 500 l	H1				
AAC5143	Stirrer flange PE for dosing tank 800 - 1000 l	H1				
AAC5146	Protection flange Dosing tank 75 - 500 l with V-ring gaskets between stirrer flange and motor as a protection against outgassing medium for dosing tank 75 - 500 l	H1				
AAC5149	Protection flange ditto, but for dosing tank 800 - 1000 l	H1				
U-96340	Protective pipe cpl. PVC, for level switch, used with electric stirrer	C2				
AAC5152	Fastening angle 4 pieces, for the assembly of the PE tank on the floor	H1				
AAC5206	Installation costs costs for the assembly of accessories on the dosing tank	NT				
AAC5185	Mounting plate for mounting a diaphragm metering pump VMP-KKS and VMP-II on a PE dosing tank, incl. fixing material	C2				
AAC5203	Installation costs costs for the assembly of the metering pump incl. accessories on a PE tank	NT				
UXD-94988	Level switch PVC/PVDF, L = 350 mm for dosing tank 75, 100 and 140 l (LSL)	C2				
UXO-94988	Level switch PVC/PVDF, L = 500 mm for dosing tank 200 and 250 l (LSL)	C2				
UXG-94988	Level switch PVC/PVDF, L = 650 mm for dosing tank 300 l (LSL)	C2				
UXS-94988	Level switch PVC/PVDF, L = 600 mm for dosing tank 400 and 800 l (LSL) for dosing tank 100 l (LSLL)	C2				
UXP-94988	Level switch PVC/PVDF, L = 750 mm for dosing tank 500 and 1000 l (LSL) for dosing tank 300 and 800 l (LSLL)	C2				
UXJ-94988	Level switch PVC/PVDF, L = 460 mm for dosing tank 60, 75 and 140 l (LSLL)	C2				
UXE-94988	Level switch PVC/PVDF, L = 690 mm for dosing tank 200 and 250 l (LSLL)	C2				

2 W&T Liquid Feed Systems 2.20.30 Dosing tanks

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXK-94988	Level switch PVC/PVDF, L = 920 mm for dosing tank 400 and 500 l (LSLL)	C2				
UXX-94988	Level switch PVC/PVDF, L = 1000 mm for dosing tank 1000 l (LSLL)	C2				
U-93403	Level relay 122 x 120 x 55 mm 230 V, 50 Hz, IP 65	C2				
P-93738	Gasket	H1				

2 W&T Liquid Feed Systems

2.20.40 Valves and accessories

2 W&T Liquid Feed Systems 2.20.40 Valves and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.005.H	Suction line arrangement 1 m, incl. foot valve and strainer, for direct withdrawal from a carboy or tank	C2				
04 SB	made as PVC hose 4x3 mm					+
04 SC	made as PVC hose 6x3 mm					+
04 SD	made as PVC hose 10x3 mm					+
04 SF	made as PE hose 4x1 mm					+
04 SG	made as PE hose 6x2 mm					+
04 SH	made as PE hose 10x2 mm					+
04 SJ	made as PVC pipe DN 6					+
04 SK	made as PVC pipe DN 10					+
08 SB	incl. foot valve made of PVC					
N.006.D	PVC constant load valve including union connections, standard setting: 0.7 bar g, for installation into the discharge line	C2				
01 OB	nominal size DN 6					+
01 OC	nominal size DN 10					+
01 OD	nominal size DN 15					+
01 OE	nominal size DN 20					+
01 OF	nominal size DN 25					+
01 OG	nominal size DN 32					+
05 OA	connection: PE hose 2 x 1 mm					
05 OB	connection: PVC hose 4 x 3 mm					
05 OC	connection: PVC hose 6 x 3 mm					
05 OD	connection: PVC hose 10x3 mm					
05 OE	connection: PE hose 4 x 1 mm					
05 OF	connection: PE hose 6 x 2 mm					
05 OG	connection: PE hose 10 x 2 mm					
05 OH	connection: PVC pipe DN 6					
05 OI	connection: PVC pipe DN 10					
05 OJ	connection: PVC pipe DN 15					
05 OK	connection: PVC pipe DN 20					
05 OL	connection: PVC pipe DN 25					
05 OM	connection: PVC pipe DN 32					
05 ON	connection: PVC pipe DN 40					
N.006.E	Safety relief valve complete with tees for installation into a solution discharge line as overpressure protection device	C2				
01 PB	nominal size DN 6					+
01 PC	nominal size DN 10					+
01 PD	nominal size DN 15					+
01 PE	nominal size DN 20					+
01 PF	nominal size DN 25					+
01 PG	nominal size DN 32					+
05 PA	connection: PE hose 2 x 1 mm					
05 PB	connection: PVC hose 4 x 3 mm					
05 PC	connection: PVC hose 6 x 3 mm					
05 PD	connection: PVC hose 10 x 3 mm					
05 PE	connection: PE hose 4 x 1 mm					
05 PF	connection: PE hose 6 x 2 mm					
05 PG	connection: PE hose 10 x 2 mm					
05 PH	connection: PVC pipe DN 6					
05 PI	connection: PVC pipe DN 10					
05 PJ	connection: PVC pipe DN 15					
05 PK	connection: PVC pipe DN 20					
05 PL	connection: PVC pipe DN 25					
05 PM	connection: PVC pipe DN 32					
07 PB	adjusted to 7.0 bar g					
07 PC	adjusted to 4.0 bar g					
07 PD	adjusted to 10.0 bar g					
07 PE	adjusted to 9.0 bar g					
07 PF	adjusted to 2.5 bar g					

2 W&T Liquid Feed Systems 2.20.40 Valves and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.006.S	Injection unit DN 6, with shut-off valve and removable injections pipe, incl. spring-loaded check-unit, for cold-water applications, allowing cleaning of the injection pipe without shutting-off the main pipe opening pressure: 1.2 bar g customer to provide female socket R 1/2"	C2				
08 NB	with glass ball check					+
08 NC	with Hastelloy ball check					+
09 NB	connection: PVC-hose 4 x 3mm					
09 NC	connection: PVC-hose 6 x 3mm					
09 ND	connection: PE-hose 4x1 mm					
09 NE	connection: PE-hose 6x2 mm					
09 NF	connection: PVC pipe DN 10					
09 NG	connection: PVC-pipe DN 6					
09 NH	connection: PE-hose 2x1 mm					
AAB8653	Pulsation damper with direct contact liquid/gas, to protect the pump diaphragm, the interconnecting piping and valves against mass acceleration body: U-PVC gasket: Viton nominal pressure: PN 10 capacity: 0.2 l connection: PVC pipe DN 8 for VMP-III, 16, 25, 54 and 80 l/h incl. brackets for wall mounting	C2				
AAB8656	Pulsation damper ditto, but capacity: 0.5 l connection: PVC pipe DN 10 for VMP-III 120 l/h, VMP-IV 140/210 l/h	C2				
AAB8659	Pulsation damper ditto, but capacity: 1.0 l connection: PVC pipe DN 20 for VMP-IV 450 l/h	C2				
AAB8662	Pulsation damper ditto, but capacity: 2.0 l connection: PVC pipe DN 20 for VMP-IV 630/750 l/h	C2				
AAC8299	Pulsation damper ditto, but capacity: 3.0 l connection: PVC pipe DN 25	C2				
BA-50210-DEF	Instruction manual D/E/F Pulsation dampener (suction side) trilingual	NT				

2 W&T Liquid Feed Systems 2.20.40 Valves and accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.006.X	Pulsation damper complete with hose diaphragm, to produce a pulsation free continuous flow of the chemical liquid to the point of application, to protect the pump diaphragm and the interconnecting piping against mass acceleration body: U-PVC nominal pressure: PN 10 with manual filling connection for compressed air and bracket for wall mounting, incl. instruction manual	H1				
11 08C	capacity: 0.08 l (for 16-80 l/h) Diaphragm: CSM (Hypalon)					+
11 08F	capacity: 0.08 l (for 16-80 l/h) Diaphragm: FPM					+
11 25C	capacity: 0.25 l (for 120-210 l/h) Diaphragm: CSM (Hypalon)					+
11 25F	capacity: 0.25 l (for 120-210 l/h) Diaphragm: FPM					+
11 75C	capacity: 0.75 l (for 450-750 l/h) Diaphragm: CSM (Hypalon)					+
11 75F	capacity: 0.75 l (for 450-750 l/h) Diaphragm: FPM					+
12 D16	connection: PVC pipe DN10					
12 D20	connection: PVC pipe DN15					
12 D25	connection: PVC pipe DN20					
12 D32	connection: PVC pipe DN25					
12 102	connection: PE hose 10x2					
12 103	connection: PVC hose 10x3					
12 124	connection: PVC hose 12x4.5					
12 62	connection: PE hose 6x2					
12 63	connection: PVC hose 6x3					
AAB9244	Pressure gauge range 0 - 10 bar for pulsation damper	C2				
AAC7702	Hand pump for pulsation damper PDS	H1				

2 W&T Liquid Feed Systems

2.20.60 Mobile systems for dosing liquides



2 W&T Liquid Feed Systems 2.20.60 Mobile systems for dosing liquides

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N2MD	Mobile System consisting of: - platform cart with 2 lockable guide rollers and 2 drum rollers, dimensions: L 1000 x W 700 x H 920 mm completely mounted and tested, incl. internal piping and wiring - PE bund - PE storage tank - tank drain with ball valve and hose connection - 1 diaphragm metering pump type Chem-Ad electric control system E60 - 1 multi-function valve G 3/8, 5-10 bar - 10 m PVC hose 4x3/6x3 mm - solution injection unit DN 6	NT				
01 N	- set of warning plates for NaClO					
02 6	- volume: 60 l					
02 1	- volume: 100 l					+
02 2	- volume: 140 l					+
03 A	- capacity: 0.2 l/h					+
03 B	- capacity: 0.5 l/h					+
03 C	- capacity: 0.9 l/h					+
03 D	- capacity: 1.4 l/h					+
03 E	- capacity: 2.5 l/h					+
03 F	- capacity: 4.3 l/h					+
03 G	- capacity: 7.2 l/h					+
04 6						
05 D	documentation in German language					
05 E	documentation in English language					
05 F	documentation in French language					
IM.030.100DD	Instruction manual Mobile dosing system, German	NT				
IM.030.100DE	Instruction manual Mobile dosing system, English	NT				
IM.030.100DF	Instruction manual Mobile dosing system, French	NT				

2 W&T Liquid Feed Systems 2.20.60 Mobile systems for dosing liquides

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC7435	<p>Mobile System</p> <p>on a drum trolley for dosing NaClO, completely mounted with the following components:</p> <ul style="list-style-type: none"> - Piston diaphragm metering pump series A <ul style="list-style-type: none"> Capacity: 0.2 l/h Back pressure: 10 bar max. Power supply: 230 V, 50/60 Hz Connection cable 2 m with Euro plug <p>Electric control system E11: =====</p> <p>On/Off switch, tank-empty input signal with level control pre-warning, tank-empty output signal volt-free pilot light green, tank-empty indication pilot light red</p> <ul style="list-style-type: none"> - suction pipe length: 725 mm - solution injection unit for customer provided socket R 1/2" - 5 m PE hose 2x1 mm - instruction manual in German language 	NT				
AAC7438	<p>Mobile System</p> <p>ditto, but Capacity: 0.5 l/h</p>	NT				
AAC7441	<p>Mobile System</p> <p>on a drum trolley for dosing NaClO, completely mounted with the following components:</p> <ul style="list-style-type: none"> - Piston diaphragm metering pump series A <ul style="list-style-type: none"> Capacity: 0.2 l/h Back pressure: 10 bar max. Power supply: 230 V, 50/60 Hz Connection cable 2 m with Euro plug <p>Electric control system E60: =====</p> <ul style="list-style-type: none"> - On/Off switch - back-lit graphic display - Operation modes: <ul style="list-style-type: none"> * Internal: strokes/min, per cent, l/h * External: pulse multiplying and -dividing arrangement, standardised signal 0/4-20 mA invertible - tank-empty input signal with level control pre-warning - tank-empty/stroke/alarm signal output - collection of the operating and consumption data - monitoring of the feed rate - feeding lock - suction pipe length: 725 mm - solution injection unit for customer provided socket R 1/2" - 5 m PE hose 2x1 mm - instruction manual in German language 	NT				
AAC7444	<p>Mobile System</p> <p>ditto, but Capacity: 0.5 l/h</p>	NT				
AAC9397	<p>Mobile System</p> <p>ditto, but Capacity: 0.9 l/h</p>	NT				
AAC9394	<p>Mobile System</p> <p>ditto, but Capacity: 1.4 l/h</p>	NT				

2 W&T Liquid Feed Systems 2.20.60 Mobile systems for dosing liquides

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.1018.A	Set of accessories complete with manual balloon pump, 10 l plastic bucket, 1 l graduated cup, 1 tin of sodium hypochlorite	H1				
AAC8275	Shut-off assembly for customer provided socket R 1/2" for preparation of additional dosing points	C2				
N.008.S	Protective Clothing comprising: - goggles - apron	H1				
01 38	rubber boots size 38					
01 39	rubber boots size 39					
01 40	rubber boots size 40					
01 41	rubber boots size 41					
01 42	rubber boots size 42					
01 43	rubber boots size 43					
01 44	rubber boots size 44					
01 45	rubber boots size 45					
01 46	rubber boots size 46					
02 7	gloves size 7					
02 8	gloves size 8					
02 9	gloves size 9					
02 10	gloves size 10					

3 W&T Dry Feed Systems

- 3.05.40 JETPAK**
- 3.10.10 Volumetric Dry Feeder A-727**
- 3.10.40 Accessories Volumetric Dry Feeder**
- 3.10.50 Polyelectrolyte System A-730**
- 3.10.55 PolyBlend systems**
- 3.10.60 Lime Slaker A-758**

3 W&T Dry Feed Systems

3.05.40 JETPAK

Preparation and dosing unit for powdered activated carbon (PAC) slurry, utilizing the water operated injector principle, for humidified and acidified powdered activated carbon, completely mounted, wired and tested, consisting of:

- slurry tank made of black PE
- electric stirrer
- control panel

Concentration of suspension:

20, 30 or 40 g/l

Operating water: fresh or potable water

Tank capacity: 300 l

Max. capacity: 2200 g/h

suitable for max. 2200 m³/h flow rate



3 W&T Dry Feed Systems 3.05.40 JETPAK

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC2281	JETPAK - 1 dosing point for 1 dosing point (filter circuit)	C2				
AAC2284	JETPAK - 2 dosing points for 2 dosing points (filter circuit)	C2				
AAC2287	JETPAK - 3 dosing points for 3 dosing points (filter circuit)	C2				
BAE1191	Instruction manual JETPAK, German	NT				
BAE1192	Instruction manual JETPAK, English	NT				
BAE1193	Instruction manual JETPAK, French	NT				
BAE1202	Concise instructions JETPAK, German	NT				
BAE1203	Concise instructions JETPAK, English	NT				
BAE1204	Concise instructions JETPAK, French	NT				
AAC2575	Injection unit for powdered activated carbon slurry, made of PVC/FPM/st.st., DN 10, complete with: - steel pipe, length 100 mm - manual shut-off valve - hose connections for PVC hose d13 x 3.5 mm for socket R 1/2"	C2				
RP-9184533	Hose PVC, fiber-reinforced, 13x3,5 mm	H1				
AAC3859	Connection Set JETPAK for connection of a booster pump with oval-flanges Rp 1" to the operating water connection of the JETPAK, consisting of: - 2 adapter nipples, PVC, 1" x DN 25 - 2 ball valves PVC/EPDM, DN 25 - 2 m PVC pipe DN 25 with fittings - 2 m PVC hose d13 x 3.5 mm	C2				

3 W&T Dry Feed Systems

3.10.10 Volumetric Dry Feeder A-727

3 W&T Dry Feed Systems 3.10.10 Volumetric Dry Feeder A-727

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N727	Volumetric dry feeder Type A-727 suitable for a maximum particle size of 4 mm, with feed screw discharging to one side, incorporating: - stainless steel inlet chute volume approx. 26 dm ³ - stainless steel feed screw - feeder support made of carbon steel	NT				
01 M	manually adjustable feed rate					
01 S	constant feed rate					
02 A	capacity 100 dm ³ /h					
02 B	capacity 150 dm ³ /h					
02 C	capacity 350 dm ³ /h					
02 D	capacity 650 dm ³ /h					
02 E	capacity 1300 dm ³ /h					
02 F	capacity 2600 dm ³ /h					
02 G	capacity 5200 dm ³ /h					
03 K	with temperature monitoring					
03 S	with temperature monitoring for manually adjustable feed rate					
03 0	without temperature monitoring					
04 H	with heater for feeder spout					
04 0	without heater for feeder spout					
05 D	with speed monitor					
05 0	without speed monitor					
06 A	with hopper agitator for baking material					
06 0	without hopper agitator for baking material					
AAA6412	Activating unit for volumetric feeders Models A-727-G, conversion kit with housing, consisting of: - activating shaft - geared motor 230/400 V, 50/60 Hz, IP 55 - housing	NT				
BA-60001-D	Instruction manual Volumetric Dry Feeder, series A-727 German	NT				
BA-60001-E	Instruction manual Volumetric Dry Feeder, series A-727 English	NT				
BA-60001-F	Instruction manual Volumetric Dry Feeder, series A-727 French	NT				

3 W&T Dry Feed Systems

3.10.40 Accessories Volumetric Dry Feeder

3 W&T Dry Feed Systems 3.10.40 Accessories Volumetric Dry Feeder

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
01 KB	for lime slaker 450 kg CaO					
01 KC	for lime slaker 900 kg/h CaO					
01 KD	for lime slaker 1800 kg/h CaO					
N.7285.C	Storage hopper made of sheet steel, painted to RAL 7035, incl. 2 threaded sockets R 1 1/2" for level probes	NT				
05 VU	ø 610 mm, vol. 135 l height: 560 mm					
05 VV	ø 915 mm, vol. 365 l, height: 915 mm					
05 VW	ø 1220 mm, vol. 850 l, height: 1370 mm					
N.7285.D	Extension hopper height: 1200 mm made of mild steel, painted with primer and finish to RAL 7035	NT				
05 VB	diameter: 610 mm					
05 VC	diameter: 915 mm					
05 VD	diameter: 1220 mm					
N.7285.I	Hopper adaptor plate made of mild steel, painted with primer and finish to RAL 7035, with vent connection	NT				
05 TB	diameter: 610 mm					
05 TC	diameter: 915 mm					
05 TD	diameter: 1220 mm					
VA-57967.007	Limit level switch FTM260 (oscillating type) for powderised or granulated dry chemicals connection G 1 1/2" 2-wire-switch, 19 - 253 V, 50/60 Hz	H1				
U-96719	Limit level switch (oscillating type) for powderised or granulated dry chemicals with vibration switch, 10-55 V DC, connection G 1 1/2"	H1				
N.7285.J	Level switch for powders and granules incl. adaptor for threaded socket R 1 1/2" power supply: 24-250 V AC, 50 Hz	H1				
N.7285.K	Magnetic vibrator 230 V, 65 W, IP 40	C2				
N.7285.L	Motorized vibrator 230 V, IP 65, 22 W, F = 212 N	C2				

3 W&T Dry Feed Systems

3.10.50 Polyelectrolyte System A-730

3 W&T Dry Feed Systems 3.10.50 Polyelectrolyte System A-730

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.7305.A	Storage hopper	NT				
07 PW	capacity approx. 115 dm ³ , height 600 mm					
07 PX	capacity approx. 190 dm ³ , height 920 mm					
09 PW	without level probe					
09 PX	incl. socket for level probe					
N.7290.B	Volumetric dry feeder	NT				
	Type A-729-GM					
03 EB	theoretical capacity: 0,9 - 7,5 dm ³ /h					
03 EC	theoretical capacity: 3,4 - 30 dm ³ /h					
N.7290.A	Volumetric dry feeder	NT				
	Type A-729-GS					
03 DB	theoretical capacity: 7.5 dm ³ /h					
03 DC	theoretical capacity: 21 dm ³ /h					
09 DB	Enclosure: IP 54					
09 DC	Enclosure: IP 65					
N.7305.B	Special wetting unit	NT				
	for powderised or fine granular polyelectrolyte products, comprising:					
	- 1 PVC wetting unit solving					
	1. max. product throughput: 10 kg/h					
	2. min. water throughput: 1200 dm ³ /h					
	- 1 support bracket for installation of the feeder and of the wetting unit on the solution tank					
	- 1 PP protective hood					
N.7305.C	Injector-type wetting	NT				
	unit, for liquid polyelectrolytes, consisting of:					
	- 1 injector					
	- 1 constant load valve					
	- 1 discharge pipe to tank					
	*** For solution tank size 1.0 m ³ ***					
01 LB	with two electric stirrers					
01 LC	with three electric stirrers					
04 LB	enclosure mixer motor: IP 54					
04 LC	enclosure mixer motor: IP 65					
	*** For solution tank size 2.5 m ³ ***					
N.7301.B	Aging and storage tank	NT				
01 LB	with two electric stirrers					
01 LC	with three electric stirrers					
04 LB	enclosure mixer motor: IP 54					
04 LC	enclosure mixer motor: IP 65					
	*** For solution tank size 5.0 m ³ ***					
N.7301.C	Aging and storage tank	NT				
01 LB	with two electric stirrers					
01 LC	with three electric stirrers					
04 LB	enclosure mixer motor: IP 54					
04 LC	enclosure mixer motor: IP 65					

3 W&T Dry Feed Systems 3.10.50 Polyelectrolyte System A-730

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.9000.IA	<p>Control panel</p> <p>for the automatic operation of Polyprep units comprising the following features:</p> <ul style="list-style-type: none"> - signal "hopper empty" - control of volumetric dry feeder - control unit for feeder outlet heating - control of 3 electric stirrers - conductive level measurement of solution tank: EMPTY, MIN, MAX - operating water monitor - unpowered contacts for: OPERATION, FAILURE, DRY RUNNING <p>Panel for wall mounting: -----</p> <p>H 760 x W 600 x D 210 mm, made of sheet steel, grey, RAL 7032 built to EN 60204/T1 and EN 60439/T1 completely wired and tested enclosure IP 54 power supply: 3/N/PE AC 400/230 V, 50Hz</p>	NT				
N.9000.IB	<p>Control panel</p> <p>for the automatic operation of Polyprep units comprising the following features:</p> <ul style="list-style-type: none"> - signal "hopper empty" - control of volumetric dry feeder - control unit for feeder outlet heating - control of 3 electric stirrers (1 high speed) - conductive level measurement of solution tank: EMPTY, MIN, MAX - operating water monitor - unpowered contacts for: OPERATION, FAILURE, DRY RUNNING <p>Panel for wall mounting: -----</p> <p>H 760 x W 600 x D 210 mm, made of sheet steel, grey, RAL 7032 built to EN 60204/T1 and EN 60439/T1 completely wired and tested enclosure IP 54 power supply: 3/N/PE AC 400/230 V, 50Hz</p>	NT				
N.9000.IC	<p>Control panel</p> <p>for the automatic operation of Polyprep units comprising the following features:</p> <ul style="list-style-type: none"> - signal "hopper empty" - control of volumetric dry feeder via frequency converter - control unit for feeder outlet heating - control of 3 electric stirrers - conductive level measurement of solution tank: EMPTY, MIN, MAX - operating water monitor - unpowered contacts for: OPERATION, FAILURE, DRY RUNNING <p>Panel for wall mounting: -----</p> <p>H 760 x W 760 x D 300 mm, made of sheet steel, grey, RAL 7032 built to EN 60204/T1 and EN 60439/T1 completely wired and tested enclosure IP 54 power supply: 3/N/PE AC 400/230 V, 50Hz</p>	NT				

3 W&T Dry Feed Systems 3.10.50 Polyelectrolyte System A-730

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.9000.ID	<p>Control panel</p> <p>for the automatic operation of Polyprep units comprising the following features:</p> <ul style="list-style-type: none"> - signal "hopper empty" - control of volumetric dry feeder via frequency converter - control unit for feeder outlet heating - control of 3 electric stirrers (1 high speed) - conductive level measurement in solution tank: EMPTY, MIN, MAX - operating water monitor - unpowered contacts for: OPERATION, FAILURE, DRY RUNNING <p>Panel for wall mounting: ----- H 760 x W 760 x D 300 mm, made of sheet steel, grey, RAL 7032 built to EN 60204/T1 and EN 60439/T1 completely wired and tested enclosure IP 54 power supply: 3/N/PE AC 400/230 V, 50Hz</p>	NT				
N.9000.IE	<p>Control panel</p> <p>for the automatic operation of Polyprep units comprising the following features:</p> <ul style="list-style-type: none"> - signal "hopper empty" - control of volumetric dry feeder via frequency converter - control unit for feeder outlet heating - control of 3 electric stirrers - conductive level measurement in solution tank: EMPTY, MIN, MAX - operating water monitor - unpowered contacts for: OPERATION, FAILURE, DRY RUNNING - incl. LPC S7-214 and operator panel OP3 (SIMATIC S7-200/CPU224 and Operator Panel OP3) for the adjustment of parameters and solution strength <p>Panel for wall mounting: ----- H 760 x W 760 x D 300 mm, made of sheet steel, grey, RAL 7032 built to EN 60204/T1 and EN 60439/T1 completely wired and tested enclosure IP 54 power supply: 3/N/PE AC 400/230 V, 50Hz</p>	NT				
N.9000.IF	<p>Control panel</p> <p>for the automatic operation of Polyprep units comprising the following features:</p> <ul style="list-style-type: none"> - signal "hopper empty" - control of volumetric dry feeder via frequency converter - control unit for feeder outlet heating - control of 3 electric stirrers (1 high speed) - conductive level measurement in solution tank: EMPTY, MIN, MAX - operating water monitor - unpowered contacts for: OPERATION, FAILURE, DRY RUNNING - incl. LPC S7-214 and operator panel OP3 (SIMATIC S7-200/CPU224 and Operator Panel OP3) for the adjustment of parameters and solution strength <p>Panel for wall mounting: ----- H 760 x W 760 x D 300 mm, made of sheet steel, grey, RAL 7032 built to EN 60204/T1 and EN 60439/T1 completely wired and tested enclosure IP 54 power supply: 3/N/PE AC 400/230 V, 50Hz</p>	NT				

3 W&T Dry Feed Systems

3.10.55 PolyBlend systems

3 W&T Dry Feed Systems 3.10.55 PolyBlend systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	Liquid polymer preparation and metering systems *****					
7024-2-A	PolyBlend PB 8-1 HMZ Dilution water flow : 2.5 - 30 l/h Neat polymer feed range: 0.00025 - 3.7 l/h Water inlet : 20 mm, 1/2" BSPM Polymer inlet : 16 mm Solution outlet: 25 mm, 3/4" BSPM Power supply : 230 VAC	H1				
7000-2-A	PolyBlend PB 16-1 HMZ ditto, but Dilution water flow : 5 - 60 l/h Neat polymer feed range: 0.00025 - 3.7 l/h	H1				
7002-2-A	PolyBlend PB 50-1 HMZ ditto, but Dilution water flow : 18 - 160 l/h Neat polymer feed range: 0.00025 - 3.7 l/h	H1				
7003-2-A	PolyBlend PB 100-1 HMZ ditto, but Dilution water flow : 50 - 375 l/h Neat polymer feed range: 0.00025 - 3.7 l/h	H1				
7005-2-A	PolyBlend PB 200-1 HMZ ditto, but Dilution water flow : 50 - 875 l/h Neat polymer feed range: 0.00025 - 3.7 l/h	H1				
7020-2-A	PolyBlend PB 600-2 HMZ Dilution water flow : 240 - 2400 l/h Neat polymer feed range: 0.00036 - 7.5 l/h Water inlet : 30 mm, 1" BSPM Polymer inlet : 16 mm Solution outlet: 30 mm, 1 1/4" BSPM Power supply : 230 VAC	H1				
7007-2-A	PolyBlend PB 600-4.5 HMZ ditto, but Dilution water flow : 240 - 2400 l/h Neat polymer feed range: 0.00051 - 17 l/h	H1				
7021-2-A	PolyBlend PB 1000-2 HMZ ditto, but Dilution water flow : 240 - 4800 l/h Neat polymer feed range: 0.00036 - 7.5 l/h	H1				
7009-2-A	PolyBlend PB 1000-4.5 HMZ ditto, but Dilution water flow : 240 - 4800 l/h Neat polymer feed range: 0.00051 - 17 l/h	H1				
7010-2-A	PolyBlend PB 1000-8 HMZ ditto, but Dilution water flow : 240 - 4800 l/h Neat polymer feed range: 0.3 - 30 l/h	H1				

3 W&T Dry Feed Systems 3.10.55 PolyBlend systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BAE1082	Operating Manual PolyBlend LO/100/200, German	NT				
BAE1083	Operating Manual PolyBlend LO/100/200, English	NT				
BAE1103	Operating Manual PolyBlend LO/100/200, French	NT				
BAE1104	Operating Manual PolyBlend 600/1000, German	NT				
BAE1105	Operating Manual PolyBlend 600/1000, English	NT				
BAE1106	Operating Manual PolyBlend 600/1000, French	NT				

3 W&T Dry Feed Systems

3.10.60 Lime Slaker A-758

3 W&T Dry Feed Systems 3.10.60 Lime Slaker A-758

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.7580.A	Lime slaker type A-758 nominal capacity: 450 kg/h CaO	NT				
04 KM	power supply: 230/400 V, 50 Hz					
04 KS	special voltage (customer's request)					
13 KM	documentation: German					
13 KN	documentation: English					
13 KP	without documentation					
N.7580.B	Lime slaker type A-758 nominal capacity: 900 kg/h CaO	NT				
04 KM	power supply: 230/400 V, 50 Hz					
04 KS	special voltage (customer's request)					
13 KM	documentation: German					
13 KN	documentation: English					
13 KP	without documentation					
N.7580.C	Lime slaker series A-758 nominal capacity: 1800 kg/h	NT				
04 KM	power supply: 230/400 V, 50 Hz					
04 KS	special voltage (customer's request)					
13 KM	documentation: German					
13 KN	documentation: English					
13 KP	without documentation					
N.7580.D	Lime slaker series A-758 nominal capacity: 3600 kg/h CaO	NT				
04 KM	power supply: 230/400 V, 50 Hz					
04 KS	special voltage (customer's request)					
13 KM	documentation: German					
13 KN	documentation: English					
13 KP	without documentation					

4 W&T Process Systems

- 4.05.55 Electrolyser OSEC-NXT
- 4.05.60 Salt dissolving tank, brine transfer system, NaClO storage tank
- 4.10.10 Electrolytic chlorination system OSEC-B
- 4.10.20 Salt dissolving tank and storage tank NaClO for OSEC-B
- 4.10.30 Components for OSEC-B
- 4.10.40 Disinfection System OSEC-A
- 4.15.10 Chlorine Dioxide Generator DIOX-C
- 4.20.10 Chlorine Dioxide System
- 4.35.10 Chlorine Dioxide System DIOX-A
- 4.40.10 Chlorine solution storage tanks
- 4.40.20 Control panel for chlorine solution preparation unit
- 4.40.25 Complete System for the preparation of chlorine solution
- 4.50.10 Marble Gravel Tank for the Generation of Hypochlorous Acid
- 4.60.10 Injector Operated Liquid Feed Systems
- 4.70.10 Solution control valves with electric positioner
- 4.80.10 UV systems, series Barrier L
- 4.80.11 UV WAVE BW *** DVGW CERTIFIED ***
- 4.80.15 UV systems, series BARRIER A
- 4.80.20 UV systems, series Barrier M
- 4.90.10 Sludge water recycling unit UFOX 10

4 W&T Process Systems

4.05.55 Electrolyser OSEC-NXT



4 W&T Process Systems 4.05.55 Electrolyser OSEC-NXT

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAE2734	Chlorine electrolyser type OSEC-NXT 6 kg/d for the automatic generation of sodium hypochlorite solution from saturated brine. capacity 6 kg/d chlorine strength approx. 25 g/l, consisting of the following main components: - electrolyser cell - water softener - PLC control unit with clear text display - cooling caustic soda - salt dissolving tank 60 l, PE - control panel with rectifier - ChemWeb-Server with integral analog modem Compact unit completely pre-piped, pre-wired in a steal kit and factory tested	C3				
AAE2743	Set of accessories for OSEC-NT 6 kg/d	C3				
BAE1238	Operating Manual OSEC-NXT 6 kg/d, German	NT				
BAE1239	Operating Manual OSEC-NXT 6 kg/d, English	NT				
BAE1240	Operating Manual OSEC-NXT 6 kg/d, French	NT				
BAE1241	Instruction handbook OSEC-NXT 6 kg/d, German	NT				
BAE1242	Instruction handbook OSEC-NXT 6 kg/d, English	NT				
BAE1243	Instruction handbook OSEC-NXT 6 kg/d, French	NT				
RP-9004525	Pipe DN 15, d20x2.3 mm, PN 16	H1				
RP-9004710	Pipe d75x3.6 mm, DN 65	H1				

4 W&T Process Systems 4.05.55 Electrolyser OSEC-NXT

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAE2719	Chlorine electrolyser type OSEC-NXT 12 kg/d for the automatic generation of sodium hypochlorite solution from saturated brine. capacity 12 kg/d chlorine strength approx. 25 g/l, consisting of the following main components: - electrolyser cell - water softener - PLC control unit with clear text display - cooling caustic soda - control panel with rectifier - ChemWeb-Server with integral analog modem Compact unit completely pre-piped, pre-wired in a steal kit and factory tested	C2				
AAE2722	Chlorine electrolyser type OSEC-NXT 24 capacity: 24 kg/d chlorine	C2				
AAE2725	Chlorine electrolyser type OSEC-NXT 36 capacity: 36 kg/d chlorine	C2				
AAE2728	Chlorine electrolyser type OSEC-NXT 48 capacity: 48 kg/d chlorine	C2				
AAE2731	Chlorine electrolyser type OSEC-NXT 60 capacity: 60 kg/d chlorine	C2				
AAE2740	Accessories for 1 OSEC-NXT system for pipe connection	C2				
AAE2737	Accessories for 1 OSEC-NXT system for welding	C2				
AAE2749	Accessories for 2 OSEC-NXT systems for pipe connection	C2				
AAE2746	Accessories for 2 OSEC-NXT systems for welding	C2				
AAC2326	Bund material black PE, with flange around the top of the bund Dimensions: W 1500 x H 110 x D 1050 mm	C2				
AAC2329	Bund for OSEC-NXT 48	C2				
AAC2332	Bund for OSEC-NXT 60	C2				
BAE1235	Operating Manual OSEC-NXT 12-60, German	NT				
BAE1236	Operating Manual OSEC-NXT 12-60, English	NT				
BAE1237	Operating Manual OSEC-NXT 12-60, French	NT				

4 W&T Process Systems 4.05.55 Electrolyser OSEC-NXT

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BAE1244	Instruction handbook OSEC-NXT 12-60, German	NT				
BAE1245	Instruction handbook OSEC-NXT 12-60, English	NT				
BAE1246	Instruction handbook OSEC-NXT 12-60, French	NT				
RP-9004825	Pipe PVC, d110x5.3 mm, DN 100	H1				
RP-9004525	Pipe DN 15, d20x2.3 mm, PN 16	H1				
ETSL-OS00032	SMS Teleservice for OSEC-NXT, for the dispatch of up to 10 SMS to a D1 or D2 mobile phone with additional access via telephone line to the control of the OSEC-NXT comprising: - modem 33k Europe, analog - teleservice adapter	NT				
AAB8479	Titration set for the chlorine determination in strengths from 1 - 40 g/l - buret - laboratory bottle - Erlenmeyer flask - measuring cylinder - 20 pasteurize pipettes - electrolyte salt - 1 l hydrochloric acid standard solution 0.5 mol/l - 1 l sodium thiosulphate standard solution 0.1 mol/l - analytical instruction	C2				

4 W&T Process Systems

4.05.60 Salt dissolving tank, brine transfer system, NaClO storage tank

4 W&T Process Systems 4.05.60 Salt dissolving tank, brine transfer system, NaClO storage tank

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC2239	Salt dissolving tank for the preparation and storage of concentrated brine from salt tablets, cylindrical tank made of transparent PE, complete with level control, perforated bottom and removable lid, incl. accessories 200 l / 130 kg	C3				
AAC2242	Salt dissolving tank ditto, but 500 l / 330 kg	C3				
AAC2245	Salt dissolving tank ditto, but 750 l / 500 kg	C3				
AAC2248	Salt dissolving tank ditto, but 1000 l / 700 kg	C3				
AAC2251	Salt dissolving tank ditto, but 1500 l / 1200 kg	C3				
AAC3988	Salt dissolving tank ditto, but 2000 l / 1500 kg	C3				
AAD4999	Salt dissolving tank ditto, but 3800 l / 2500 kg	C3				
AAC2341	Brine transfer system for 1 chlorine electrolyser required if an external brine tank is used	C2				
AAC2344	Brine transfer system for 2 chlorine electrolyzers	C2				
AAC9934	Strainer for withdrawal for salt dissolving tank, OSEC-NXT	C2				
AAD5092	OSEC@-Salin Salt tablets Quantity: 1000 kg on a Euro-pool pallet	H2				
AAD5095	OSEC@-Salin Salt tablets Quantity: 2000 kg on 2 Euro-pool pallets	H2				
AAD5098	OSEC@-Salin Salt tablets Quantity: 3000 kg on 3 Euro-pool pallets	H2				
AAD5101	OSEC@-Salin Salt tablets Quantity: 5000 kg on 5 Euro-pool pallets Delivery of all OSEC@-Salin salt tablets out of Germany on request!	H2				

4 W&T Process Systems 4.05.60 Salt dissolving tank, brine transfer system, NaClO storage tank

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC5734	NaClO storage tank for the connection of 1 chlorine electrolyser OSEC-NXT for sodium hypochlorite solution tank with flat bottom and conical roof level control, material: black PE-HD incl. limit switch and powdered activated carbon filter, connections for filling, withdrawal, drain, air inlet/outlet and 20 m cable	C3				
AAC5746	NaClO storage tank ditto, but nominal capacity 700 l, useful capacity approx. 375 l	C3				
AAC5749	NaClO storage tank ditto, but nominal capacity 1250 l, useful capacity approx. 670 l	C3				
AAC5752	NaClO storage tank ditto, but nominal capacity 1650 l, useful capacity approx. 875 l	C3				
AAC5755	NaClO storage tank ditto, but nominal capacity 2400 l, useful capacity approx. 1275 l	C3				
AAC5758	NaClO storage tank ditto, but nominal capacity 2800 l, useful capacity approx. 1500 l	C3				
AAC5761	NaClO storage tank ditto, but nominal capacity 3500 l, useful capacity approx. 1870 l	C3				
AAC7111	NaClO storage tank for the connection of 2 chlorine electrolyzers OSEC-NXT for sodium hypochlorite solution tank with flat bottom and conical roof level control, material: black PE-HD nominal capacity 1650 l, useful capacity approx. 875 l for installation on even and absolute plane surface Outside diameter: 1480 mm Total height: approx. 1450 mm	C3				
AAC7114	NaClO storage tank ditto, but nominal capacity 2400 l, useful capacity approx. 1275 l	C3				
AAC7117	NaClO storage tank ditto, but nominal capacity 2800 l, useful capacity approx. 1500 l	C3				
AAC7120	NaClO storage tank ditto, but nominal capacity 3500 l, useful capacity approx. 1870 l	C3				

4 W&T Process Systems 4.05.60 Salt dissolving tank, brine transfer system, NaClO storage tank

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC7921	Bund for 310 l storage tank and max. 4 dosing pumps, made of PE, Dimensions: 1400 x 1250 x 400 mm	H2				
AAC7924	Bund for 700 l storage tank and max. 7 dosing pumps, made of PE, Dimensions: 1800 x 1720 x 400 mm	H2				
AAC7927	Bund for 1250 l storage tank and max. 10 dosing pumps, made of PE, Dimensions: 2250 x 2000 x 400 mm	H2				
AAC7930	Bund for 1650 l storage tank and max. 13 dosing pumps, made of PE, Dimensions: 2500 x 2150 x 400 mm	H2				
AAC7936	Bund for 2400 and 2800 l storage tanks and max. 16 dosing pumps, made of PE, Dimensions: 3250 x 2600 x 400 mm	H2				
AAC7939	Bund for 3500 l storage tank and max. 17 dosing pumps, made of PE, Dimensions: 3400 x 2800 x 430 mm	H2				
AAC7639	Male connector PVDF, D 25 mm - G1"	H1				
AAC7642	Union connector PVDF, D 25 mm	H1				
AAC7645	Union elbow PVDF, D 25 mm	H1				
AAC7687	Tee union PVDF, D25 - D25 - D25	H1				

4 W&T Process Systems

4.10.10 Electrolytic chlorination system OSEC-B



4 W&T Process Systems 4.10.10 Electrolytic chlorination system OSEC-B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.8000.A	Electrolytic Chlorinator type OSEC-B 1 150 S/G for the generation of sodium hypo- chlorite solution from saturated brine, chlorine strength: 6 g/l, compact unit completely piped, wired, tested and H x W x D = 1900 x 1500 x 750 mm	C3				
02 OB	Type OSEC B1-150 S/G - 95					+
02 OC	Type OSEC B1-150 S/G - 140					+
02 OD	Type OSEC B1-150 S/G - 190					+
02 OE	Type OSEC B1-150 S/G - 240					+
02 OF	Type OSEC B1-150 S/G - 285					+
02 OG	Type OSEC B1-150 S/G - 335					+
02 OH	Type OSEC B1-150 S/G - 385					+
02 OJ	Type OSEC B1-150 S/G - 430					+
02 OK	Type OSEC B1-150 S/G - 480					+
02 OL	Type OSEC B1-150 S/G - 570					+
N.8000.B	Electrolytic chlorinator type OSEC-B 1 150 M/G for the generation of sodium hypo- chlorite solution from saturated brine, chlorine strength: 6 g/l, compact unit completely piped, wired, tested and H x W x D = 1900 x 1500 x 750 mm	C3				
02 OQ	Type OSEC B1-150 M/G - 665					+
02 OR	Type OSEC B1-150 M/G - 760					+
02 OS	Type OSEC B1-150 M/G - 855					+
02 OT	Type OSEC B1-150 M/G - 950					+
02 OU	Type OSEC B1-150 M/G - 1045					+
02 OV	Type OSEC B1-150 M/G - 1140					+
02 OW	Type OSEC B1-150 M/G - 1235					+
02 OX	Type OSEC B1-150 M/G - 1330					+
N.8000.C	Electrolytic chlorinator type OSEC-B 1 150 L/G for the generation of sodium hypo- chlorite solution from saturated brine, chlorine strength: 6 g/l, compact unit completely piped, wired, tested and H x W x D = 1900 x 1500 x 750 mm	C3				
02 RB	Type OSEC B1-150 L/G - 1520					+
02 RC	Type OSEC B1-150 L/G - 1710					+
02 RD	Type OSEC B1-150 L/G - 1900					+
02 RE	Type OSEC B1-150 L/G - 2090					+
02 RF	Type OSEC B1-150 L/G - 2280					+
02 RG	Type OSEC B1-150 L/G - 2470					+
02 RH	Type OSEC B1-150 L/G - 2660					+
AAD3877	Safety tank for chlorine electrolyser incl. level switch Material: PE Volume: 288 l Dimension: 1840 x 1040 x 150 mm	C3				
BA-30001-D	Instruction manual OSEC-B1 150 M/L/G, German	NT				
BA-30001-E	Instruction manual OSEC-B1 150 M/L/G, English	NT				
BA-30001-F	Instruction manual OSEC-B1 150 M/L/G, French	NT				
MVM3615	Manufacturer declaration	ZA				

4 W&T Process Systems 4.10.10 Electrolytic chlorination system OSEC-B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB8479	Titration set for the chlorine determination in strengths from 1 - 40 g/l - buret - laboratory bottle - Erlenmeyer flask - measuring cylinder - 20 pasteurize pipettes - electrolyte salt - 1 l hydrochloric acid standard solution 0.5 mol/l - 1 l sodium thiosulphate standard solution 0.1 mol/l - analytical instruction	C2				

4 W&T Process Systems

4.10.20 Salt dissolving tank and storage tank NaClO for OSEC-B

4 W&T Process Systems 4.10.20 Salt dissolving tank and storage tank NaClO for OSEC-B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC2239	Salt dissolving tank for the preparation and storage of concentrated brine from salt tablets, cylindrical tank made of transparent PE, complete with level control, perforated bottom and removable lid, incl. accessories 200 l / 130 kg	C3				
AAC2242	Salt dissolving tank ditto, but 500 l / 330 kg	C3				
AAC2245	Salt dissolving tank ditto, but 750 l / 500 kg	C3				
AAC2248	Salt dissolving tank ditto, but 1000 l / 700 kg	C3				
AAC2251	Salt dissolving tank ditto, but 1500 l / 1200 kg	C3				
AAC3988	Salt dissolving tank ditto, but 2000 l / 1500 kg	C3				
AAD4999	Salt dissolving tank ditto, but 3800 l / 2500 kg	C3				
AAC8050	NaClO storage tank for sodium hypochlorite solution, for the connection of 1 chlorine electrolyser OSEC-B. Tank with flat bottom and conical roof, material black PE-HD nominal capacity 300 l, useful capacity approx. 185 l for chlorine electrolyser OSEC-B 1 150 S/G	C3				
AAC8053	NaClO storage tank nominal capacity 450 l, useful capacity approx. 345 l for chlorine electrolyser OSEC-B 1 150 S/G	C3				
AAC8056	NaClO storage tank nominal capacity 680 l, useful capacity approx. 420 l for chlorine electrolyser OSEC-B 1 150 M/G	C3				
AAC8059	NaClO storage tank nominal capacity 1000 l, useful capacity approx. 770 l for chlorine electrolyser OSEC-B 1 150 M/G	C3				
AAC8062	NaClO storage tank nominal capacity 1200 l, useful capacity approx. 750 l for chlorine electrolyser OSEC-B 1 150 M/G	C3				
AAC8065	NaClO storage tank nominal capacity 1800 l, useful capacity approx. 1380 l for chlorine electrolyser OSEC-B 1 150 M/G	C3				
AAC8068	NaClO storage tank nominal capacity 2400 l, useful capacity approx. 2000 l for chlorine electrolyser OSEC-B 1 150 M/G	C3				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
4.10.20 1/2

4 W&T Process Systems 4.10.20 Salt dissolving tank and storage tank NaClO for OSEC-B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC8071	NaClO storage tank nominal capacity 1800 l, useful capacity approx. 1380 l for chlorine electrolyser OSEC-B 1 150 L/G	C3				
AAC8074	NaClO storage tank nominal capacity 2400 l, useful capacity approx. 2000 l for chlorine electrolyser OSEC-B 1 150 L/G	C3				
AAC8077	NaClO storage tank nominal capacity 3100 l useful capacity approx. 2600 l for chlorine electrolyser OSEC-B 1 150 L/G	C3				
AAC8080	NaClO storage tank nominal capacity 4000 l, useful capacity approx. 3100 l for chlorine electrolyser OSEC-B 1 150 L/G	C3				
AAC8083	NaClO storage tank nominal capacity 4600 l, useful capacity approx. 3800 l for chlorine electrolyser OSEC-B 1 150 L/G	C3				
AAC8086	NaClO storage tank nominal capacity 5400 l, useful capacity approx. 3800 l for chlorine electrolyser OSEC-B 1 150 L/G	C3				
AAC8089	NaClO storage tank nominal capacity 6600 l, useful capacity approx. 5500 l for chlorine electrolyser OSEC-B 1 150 L/G	C3				

4 W&T Process Systems

4.10.30 Components for OSEC-B

4 W&T Process Systems 4.10.30 Components for OSEC-B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
ETSL-OS00011	Rectifier cubicle for OSEC-B 6V/150A (up to 95 g Cl2/h) electronic controlled, air cooled constant current regulation metering range: 100 % metering deviation: <2 % duty ration: 100 % Features: - housing for wall mounting dimensions: L 600 x H 800 x P 250 mm - power supply: 3/N/PE 400/230V, 50Hz - power consumption: approx. 3 kW - ambient temperature: max. 40 °C - weight: approx. 55 kg - enclosure: IP 43 - paint: RAL7032	C3				
ETSL-OS00012	Rectifier cubicle ditto, but 6V/300A (up to 240 g Cl2/h) - housing for wall mounting - power consumption: approx. 4 kW - weight: approx. 55 kg	C3				
ETSL-OS00013	Rectifier cubicle ditto, but 6V/400A (up to 335 g Cl2/h) - housing for wall mounting - power consumption: approx. 5 kW - weight: approx. 65 kg	C3				
ETSL-OS00014	Rectifier cubicle ditto, but 6V/600A (up to 480 g Cl2/h) - housing for floor mounting dimensions: L 800 x H 1000 x P 300 mm - power consumption: approx. 6 kW - weight: approx. 120 kg	C3				
ETSL-OS00015	Rectifier cubicle ditto, but 6V/800A (up to 570 g Cl2/h) - housing for floor mounting - power consumption: approx. 8 kW - weight: approx. 120 kg	C3				
ETSL-OS00016	Rectifier cubicle ditto, but 10V/500A (up to 760 g Cl2/h) - housing for wall mounting - power consumption: approx. 8 kW - weight: approx. 65 kg	C3				
ETSL-OS00017	Rectifier cubicle ditto, but 10V/600A (up to 950 g Cl2/h) - housing for floor mounting - power consumption: approx. 10 kW - weight: approx. 120 kg	C3				
ETSL-OS00018	Rectifier cubicle ditto, but 10V/800A (up to 1330 g Cl2/h) - housing for floor mounting - power consumption: approx. 12 kW - weight: approx. 120 kg	C3				
ETSL-OS00019	Rectifier cubicle ditto, but 18V/600A (up to 1900 g Cl2/h) - housing for floor mounting - power consumption: approx. 16 kW - weight: approx. 140 kg	C3				

4 W&T Process Systems 4.10.30 Components for OSEC-B

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
ETSL-OS00020	Rectifier cubicle ditto, but 18V/800A (up to 2660 g Cl2/h) - housing for floor mounting - power consumption: approx. 21 kW - weight: approx. 140 kg	C3				
ETSL-OS00021	Rectifier cubicle ditto, but 18V/800A (up to 3230 g Cl2/h) - housing for floor mounting - power consumption: approx. 21 kW - weight: approx. 140 kg ***** * NOTE: * Please note that there is enough space for * * the rectifier to ensure the supply of * * fresh air! *****	C3				
N.8007.C	Set of power supply cable length: 8 m between rectifier unit and electrolyser Cross sectional area: 3 x 95 mm ² designed as isolated single conductor, cpl. with cable connectors and fixing material	C3				
08 VB	Type: 95					+
08 VC	Type: 140					+
08 VD	Type: 190					+
08 VE	Type: 240					+
08 VF	Type: 285					+
08 VG	Type: 335					+
08 VH	Type: 385					+
08 VI	Type: 430					+
08 VJ	Type: 480					+
08 VK	Type: 570					+
08 VL	Type: 665					+
08 VM	Type: 760					+
08 VN	Type: 855					+
08 VO	Type: 950					+
08 VP	Type: 1045					+
08 VQ	Type: 1140					+
08 VS	Type: 1330					+
08 VT	Type: 1520					+
08 VU	Type: 1710					+
08 VV	Type: 1900					+
08 VW	Type: 2090					+
08 VX	Type: 2280					+
08 VY	Type: 2470					+
08 VZ	Type: 2660					+
N.8005.C	Exhaust fan for dilution and ventilation of hydrogen gas to a non-hazardous concentration, for wall mounting explosion-proof design Eex e II T3, housing and impeller made of PVC, support made of St 37, with primer and finish, green RAL 6011 power supply 230/400 V, 50 Hz complete with accessories	C3				
08 OC	Type: 14-008 DN 50 (up to 570 g Cl2/h), 60 m ³ /h					+
08 OD	Type: 14-008 DN 80 (up to 1045 g Cl2/h), 60 m ³ /h					+
08 OE	Type: 14-010 DN 100 (up to 2660 g Cl2/h), 280 m ³ /h					+
RP-9004825	Pipe PVC, d110x5.3 mm, DN 100	H1				
RP-9004525	Pipe DN 15, d20x2.3 mm, PN 16	H1				

4 W&T Process Systems

4.10.40 Disinfection System OSEC-A



4 W&T Process Systems 4.10.40 Disinfection System OSEC-A

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC9784	Disinfection System Type OSEC-A Capacity: max. 25 g/h Cl2 designed for continuous generation and direct dosing of purest hypo- chloric acid with actif oxygene, produced of acid electrolyte. Suitable for manual operation resp. for direct control of a W&T measuring and control system. Completely installed in a plastic housing for wall mounting.	C2				
AAC9790	Disinfection System ditto, but Capacity: max. 50 g/h Cl2	C2				
IM.085.080DD	Instruction manual OSEC-A, German	NT				
IM.085.080DE	Instruction manual OSEC-A, English	NT				
IM.085.080DF	Instruction manual OSEC-A, French	NT				
AAD3070	Operating water tap made of PVC-U/EPDM, with ball valve for customer provided socket R 3/4" Pressure : max 0.8 bar (g) Connection: DN 15	C2				
AAD3073	Operating water tap made of PVC-U/EPDM/Ms, comprising: - pressure reducing valve with integrated strainer and pressure gauge 0-4 bar - ball valve for customer provided socket R 3/4" Pressure : max. 16 bar (g) Connection: DN 15	C2				
UXB-96260	Solution injection unit DN 15, PN 16, for customer provided socket R 3/4", consisting of: - 1 diffusor pipe - 1 manual PVC shut-off valve	C2				
AAD2548	Storage tank with injector for disinfection system OSEC-A for the storage of ClO2 solutions useful capacity: 136 l h = 1240mm, d = 500mm - Min-, Max-level control, with relais - Max/Max safety contact - liquid level indicator - sample valve - 5 m vent line - absorption unit - injector 3/4"; 99 - C with integral check valve, - operating water equipment with pressure reducing valve, pressure gauge and strainer	C2				

4 W&T Process Systems 4.10.40 Disinfection System OSEC-A

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD2551	Storage tank for disinfection system OSEC-A for the storage of ClO2 solutions useful capacity: 136 l h = 1240 mm, d = 500 mm - Min-, Max-level control, with relais - Max/Max safety contact - liquid level indicator - sample valve - 5 m vent line - absorption unit	C2				
IM.085.085DD	Instruction manual with storage tank, German	NT				
IM.085.085DE	Instruction manual for OSEC-A with storage tank, English	NT				
AAD2545	Set of accessories OSEC-A, for storage tank consisting of: - ball valve - shut-off valve - solenoid valve	C2				
RP-9184504	PVC Hose PVC, fiber-reinforced, 10x3 mm	H1				
RP-9004501	Pipe d16x1.8 mm, DN 10	H1				
AAB2086	PP Bund (safety tank) for 30 l carboy dimensions: 600 mm x 400 mm x 220 mm	C2				
AAB2089	PP Bund (safety tank) for 60 l carboy dimensions: 600 mm x 400 mm x 430 mm	C2				
AAB2074	CEDOLYT A9 acc. to DIN EN 939, type 1 in a white oneway canister Net content: 30 kg	H1				
AAB2077	CEDOLYT A9 acc. to DIN EN 939, type 1 in a white oneway canister Net content: 60 kg	H1				
AAC2719	CEDOLYT A18 acc. to DIN EN 939, type 1 in a white oneway canister Net content: 30 kg ADR/RID: 8 C1 II / UN 1789	H1				
AAC2722	CEDOLYT A18 acc. to DIN EN 939, type 1 in a white oneway canister Net content: 60 kg ADR/RID: 8 C1 II / UN 1789	H1				

ATTENTION: dangerous goods!
Delivery out of Germany on request!

4 W&T Process Systems

4.15.10 Chlorine Dioxide Generator DIOX-C



4 W&T Process Systems 4.15.10 Chlorine Dioxide Generator DIOX-C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N4DC	Chlorine Dioxide System DIOX-C economical procedure for the generation of ClO2 solution based on the chlorine activated process The system comprises the following components: - chlorinator type V10k - metering pump ChemAd series B - reaction tank - storage tank for ClO2 solution volume: 150 l - operating water accessories - safety tank - incl. instruction manual	C2				
01 1	Capacity: 1500 g/h ClO2 Concentration: 2-3 g/l					
01 2	Capacity: 1500 g/h ClO2 Concentration: 1-2 g/l					
01 3	Capacity: 3000 g/h ClO2 Concentration: 2-3 g/l					+
01 4	Capacity: 4500 g/h ClO2 Concentration: 2-3 g/l					+
02 00	without booster pump					
02 01	with booster pump CR 3-4					+
02 02	with booster pump CR 3-7					+
02 03	with booster pump CR 3-10					+
02 04	with booster pump CR 3-15					+
02 06	with booster pump CR 5-5					+
02 07	with booster pump CR 5-8					+
02 08	with booster pump CR 5-11					+
02 09	with booster pump CR 5-15					+
03 D	gas connection: PVC tube DN 15					
03 1	gas connection: PE hose 1/4 x 3/8" (not suitable for capacity: 4500 g/h)					
03 3	gas connection: PE hose 3/8 x 1/2"					
04 G	with NaClO2 change-over system					+
04 L	with NaClO2 suction pipe					
04 T	for connection to an external NaClO2 tank					
04 Z	pipe with NaClO2 intermediate tank					+
05 D	Labeling: German					
05 E	Labeling: English					
05 F	Labeling: French					
05 P	Labeling: Polish					
05 T	Labeling: Czech					
06 B	BASIC control					
06 P	PROFESSIONAL control					+
08 0	without flashing light klaxon					
08 1	with flashing light klaxon					+
09 N	no connection possible					
09 0	prepared for Profibus-DP connection					
09 1	prepared for ChemWeb-Server connection					+

4 W&T Process Systems 4.15.10 Chlorine Dioxide Generator DIOX-C

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BAE1084	Instruction manual DIOX-C Basic, German	NT				
BAE1098	Instruction Manual DIOX-C Basic, English	NT				
BAE1099	Instruction Manual DIOX-C Basic, French	NT				
BAE1123	Instruction Manual DIOX-C Basic, Polish	NT				
BAE1100	Concise instructions DIOX-C Basic, German	NT				
BAE1101	Concise instructions DIOX-C Basic, English	NT				
BAE1102	Concise instructions DIOX-C Basic, French	NT				
IM.085.210DD	Instruction manual DIOX-C Professional, German	NT				
IM.085.210DE	Instruction manual DIOX-C Professional, English	NT				
IM.085.210DF	Instruction manual DIOX-C Professional, French	NT				
BA-50100-DEF	Instruction manual Chem-Ad® series B, electric control module E11, trilingual (G/E/F)	NT				
BAE1015	Instruction manual Chem-Ad® series B, electric control module E60, trilingual (G/E/F)	NT				
BAE1130	Instruction manual V-015, German	NT				
BAE1131	Instruction manual V-015, English	NT				
BAE1132	Instruction manual V-015, French	NT				
BA-80060-D	Instruction manual Gas supply line, German	NT				
BA-80060-E	Instruction manual Gas supply line, English	NT				
MAE1290	EC Safety data sheet for ClO2, German	ZD				
MAE1291	EC Safety data sheet for ClO2, English	ZD				

4 W&T Process Systems

4.20.10 Chlorine Dioxide System

4 W&T Process Systems 4.20.10 Chlorine Dioxide System

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.3100.C	ClO2 generating system HCl activated process, packaged design, capacity: 5000 g/h, using commercial HCl and NaClO2 solutions, mainly consisting of: - 2 PVC intermediate tanks incl. level control, capacity: 60 l - 1 aspirator-type injector for withdrawal of HCl and NaClO2 solutions from standard carboys or intermediate tanks and transfer into the reaction tower, made of PVC, DN 15 - 1 reaction tank, volume 70 l, PVC incl. drain connection DN 15 - 1 PVC storage tank for ClO2 solution, capacity 150 l, incl. vent and discharge connection, level indication, safety overflow and built-in level probes - 1 set of operating water accessories, - 1 absorption unit for vent gas, - 1 vent gas aspiration injector with check valve - 1 control panel with mimic diagram - 1 steel skid, W2000 x H1900 x D530 mm, where all parts described above are pre-assembled in	C2				
06 CQ	power supply: 230V, 50 Hz, AC					
06 CR	power supply: 115 V, 50 Hz AC					
10 CQ	labels: German					
10 CR	labels: English					
10 CS	labels: French					
N.3100.B	ClO2 generating system HCl-activated process, packaged design, capacity: 2500 g/h, using commercial HCL and NaClO2 solutions, mainly consisting of: - 1 aspirator-type injector for withdrawal of HCL and NaClO2 solutions from standard carboys or intermediate tanks and transfer into the reaction tower, made of PVC, DN 15, - 1 reaction tank, made of PVC, 30l, filled with Raschig rings for better mixing of both chemicals, incl. connection for drainage DN 15 and wall bracket - 1 PVC storage tank for ClO2 solution, 100 l, incl. vent and discharge connection, level indication, safety overflow and built-in level probes - 1 set of operating water accessories - 1 absorption unit for vent gas - 1 vent gas aspiration injector with check valve - 1 control panel with mimic diagram -1 steel skid, W1550 x H1900 x D530mm, on which all parts described above are pre-assembled	C2				
06 CQ	power supply: 230V, 50 Hz, AC					
06 CR	power supply: 115 V, 50 Hz AC					
10 CQ	labels: German					
10 CR	labels: English					
10 CS	labels: French					

4 W&T Process Systems 4.20.10 Chlorine Dioxide System

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.3100.D	<p>ClO2 generating system</p> <p>HCl-activated process, for wall mounting, capacity: 2500 g/h, using commercial HCl and NaClO2 solutions, mainly consisting of:</p> <ul style="list-style-type: none"> - 1 aspirator-type injector for withdrawal of HCl- and NaClO2-solutions from standard carboys or intermediate tanks and transfer into the reaction tower made of PVC, DN 15 - 1 reaction tank, made of PVC, 30 l, filled with Raschig rings for better mixing of both chemicals, incl. connection for drainage DN 15 and wall bracket - 1 PVC storage tank for ClO2 solution, capacity 100 l, incl. vent and discharge connection, level indication, safety overflow and built-in level probes - 1 set of operating water accessories - 1 absorption unit for vent gas connected to the vent line of the storage tank, - 1 vent gas aspiration injector with check valve - 1 control panel with mimic diagram, for automatic operation of the generating process 	C2				
N.3103.B	<p>PVC storage tank</p> <p>used as NaClO2-intermediate tank for installation beside the ClO2-generation unit, capacity: 50 l connections for vent R 1" and inlet R 1", incl. dip pipe for NaClO2-withdrawal and level control probes (min./max./overflow/dry running)</p> <p>05 EL connection: PE hose 6 x 12 mm 05 EN connection: PE hose 10 x 16 mm</p>	C2				
N.3103.C	<p>PVC storage tank</p> <p>used as HCl-intermediate tank for installation beside the ClO2-generation unit, capacity: 50 l connections for vent R 1" and inlet R 1", incl. dip pipe for HCl-withdrawal and level control probes (min./max./overflow/dry running)</p>	C2				
BA-20004-D	<p>Instruction manual</p> <p>ClO2 generator, German</p>	NT				
BA-20004-E	<p>Instruction manual</p> <p>ClO2 generator, English</p>	NT				
BA-20004-F	<p>Instruction manual</p> <p>ClO2 generator, French</p>	NT				

4 W&T Process Systems

4.35.10 Chlorine Dioxide System DIOX-A

Preparation and dosing unit for ClO₂ solution in compact design, suitable for the use of CEDOLYT A9 and NADOLYT C7.5 solutions, mainly comprising:

- 2 metering pumps
- 2 flow meters
- 1 reactor
- 1 dilution arrangement
- 1 static mixer
- 1 control panel incl. PLC series Simatic S7-200/CPU 224 with display OP/7, suitable for manual or automatic control of ClO₂ generation.

Batch preparation, level controlled via storage tank installed downstream



4 W&T Process Systems 4.35.10 Chlorine Dioxide System DIOX-A

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD6634	CIO2 generator Type DIOX-A 3 Maximum capacity: 3 g/h ClO2 Flow rate with NADOLYT C7.5: 75 ml/h Flow rate with CEDOYT A9: 225 ml/h Capacity of intermediate tank: 1.7 l ClO2 concentration in intermediate tank: 0.6 g/l ClO2 Power supply: 1/N/PE 230 V, 50 Hz for wall mounting	C3				
AAC9814	CIO2 generator ditto, but arranged in a FRP housing	C3				
AAD6637	CIO2 generator Type DIOX-A 10 Maximum capacity: 10 g/h ClO2 Flow rate with NADOLYT C7.5: 250 ml/h Flow rate with CEDOLYT A9: 750 ml/h Capacity of intermediate tank: 1.7 l ClO2 concentration in intermediate tank: 2.0 g/l ClO2 Power supply: 1/N/PE 230 V, 50 Hz for wall mounting	C3				
AAC9817	CIO2 generator ditto, but arranged in a FRP housing	C3				
IM.085.261DD	Instruction manual DIOX-A3/10, German	NT				
IM.085.261DE	Instruction manual DIOX-A3/10, English	NT				
IM.085.261DF	Instruction manual DIOX-A3/10, French	NT				
AAD6406	Concise instructions DIOX-A3/10, German	NT				
AAD6736	Concise instructions DIOX-A3/10, English	NT				
AAD6739	Concise instructions DIOX-A3/10, French	NT				

4 W&T Process Systems 4.35.10 Chlorine Dioxide System DIOX-A

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB9055	ClO2 generator type DIOX-A50 - max. capacity: 50 g/h ClO2 - flow rate with CEDOLYT A9: 1.25 l/h - flow rate with NADOLYT C7.5: 1.25 l/h - power supply: 1/N/PE 230 V, 50 Hz	C3				
AAB9058	ClO2 generator type DIOX-A100 - max. capacity: 100 g/h ClO2 - flow rate with CEDOLYT A9: 2.5 l/h - flow rate with NADOLYT C7.5: 2.5 l/h - power supply: 1/N/PE 230 V, 50 Hz	C3				
AAB9061	ClO2 generator type DIOX-A170 - max. capacity: 170 g/h ClO2 - power supply: 1/N/PE 230 V, 50 Hz	C3				
AAB9064	ClO2 generator type DIOX-A250 g/h ClO2 - max. capacity: 250 g/h ClO2 - power supply: 1/N/PE 230 V, 50 Hz	C3				
AAC3979	Solenoid valve normally closed, Ms/NBR, 1", PN 16, 24 V DC, with fittings made of PVC DN 25, for installation into the operating water supply line of the ClO2 generator DIOX-A	C3				
IM.085.266DD	Instruction manual DIOX-A, German	NT				
IM.085.266DE	Instruction manual DIOX A, English	NT				
IM.085.266DF	Instruction manual DIOX-A, French	NT				
AAC3958	Concise instructions DIOX-A50/250, German	NT				
AAC3961	Concise instructions DIOX-A50/250, English	NT				
AAC3964	Concise instructions DIOX-A, French	NT				
	For detailed technical information see publication WT085.080.DE.PS.0906					

4 W&T Process Systems 4.35.10 Chlorine Dioxide System DIOX-A

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC7627	Chlorine Dioxide System type DIOX-A-50 Batch - capacity: 40 g/h ClO2 - parent solution max.: 0.4 g/l - flow rate with CEDOLYT A9: 1.25 l/h - flow rate with NADOLYT C7.5: 1.25 l/h	C3				
AAC7630	Chlorine Dioxide System type DIOX-A-100 Batch - capacity: 80 g/h ClO2 - parent solution max.: 0.8 g/l - flow rate with CEDOLYT A9: 2.5 l/h - flow rate with NADOLYT C7.5: 2.5 l/h	C3				
AAC7633	Chlorine Dioxide System type DIOX-A-170 Batch - capacity: 135 g/h ClO2 - parent solution max.: 1.35 g/l - flow rate with CEDOLYT A9: 4.25 l/h - flow rate with NADOLYT C7.5: 4.25 l/h	C3				
AAC7636	Chlorine Dioxide System type DIOX-A-250 Batch - capacity: 200 g/h ClO2 - parent solution max.: 2.0 g/l - flow rate with CEDOLYT A9: 6.25 l/h - flow rate with NADOLYT C7.5: 6.25 l/h	C3				
IM.085.267DD	Instruction Manual DIOX-A Batch, German	NT				
IM.085.267DE	Instruction Manual DIOX-A Batch, English	NT				
IM.085.267DF	Instruction Manual DIOX-A Batch, French	NT				
AAC8935	Concise Instructions DIOX-A Batch, German	NT				
AAC8938	Concise Instructions DIOX-A Batch, English	NT				
AAC8941	Concise Instructions DIOX-A Batch, French	NT				
AAC7141	Storage tank for DIOX-A Batch for the storage of ClO2 solutions capacity: 200 l, h = 1240mm, d = 500mm - Min-, Max-level control, with relais - Max/Max safety contact - liquid level indicator - sample valve - 5 m vent line - absorption unit - injector 3/4"; 99 - C with integral check valve, - operating water equipment with pressure reducing valve, pressure gauge and strainer	C3				
AAC7603	Storage tank for DIOX-A Batch for the storage of ClO2 solutions capacity: 200 l, h = 1240mm, d = 500mm - Min-, Max-level control, with relais - Max/Max safety contact - liquid level indicator - sample valve - 5 m vent line - absorption unit	C3				

4 W&T Process Systems 4.35.10 Chlorine Dioxide System DIOX-A

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC7324	Bund for 200 l storage tank incl. level probe capacity: 367 l dimensions: 1340 x 820 x 460 mm	C3				
AAB5209	Suction pipe length: 475 mm with feedback connection The feedback pipe is arranged inside the withdrawal pipe with integral check valve and strainer, incl. 2 level switches, PVC pipe O-ring: Viton B, ball: glass Connections: ----- PVC-Duo hose 6x2, PVC hose 6x3 mm PE hose 4x1, 6x1 mm for series A and B	H1				
AAB5212	Suction pipe ditto, but length: 725 mm	H1				
AAB5215	Suction pipe ditto, but length: 975 mm	H1				
AAB5218	Suction pipe ditto, but length: 1125 mm	H1				
AAB5413	Adaptor cap soft PVC, suitable for 10 l carboy	H1				
AAB7687	Adaptor cap soft PVC, universally adaptable for 20l, 30l and 60l carboys	H1				
CAE1059	Hose PTFE, 4 x 1 mm, orange for CEDOLYT A9	H1				
CAE1060	Hose PTFE, 4 x 1 mm, violet for NADOLYT C7.5	H1				
RP-9144451	Hose soft-PVC, transparent, 6 x 1 mm operating pressure: max. 5 bar/20°C	H1				
AAB2083	PP Bund (safety tank) for 10 l and 20 l carboys dimensions: 400 mm x 300 mm x 220 mm	C2				
AAB2086	PP Bund (safety tank) for 30 l carboy dimensions: 600 mm x 400 mm x 220 mm	C2				
AAB2089	PP Bund (safety tank) for 60 l carboy dimensions: 600 mm x 400 mm x 430 mm	C2				

4 W&T Process Systems 4.35.10 Chlorine Dioxide System DIOX-A

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB2065	NADOLYT C7.5 acc. to DIN EN 938, type 1 in a blue oneway canister Net content: 10 kg ADR/RID: 8 C9 II / UN 1908	H1				
AAB2068	NADOLYT C7.5 acc. to DIN EN 938, type 1 in a blue oneway canister Net content: 20 kg ADR/RID: 8 C9 II / UN 1908	H1				
AAB2071	NADOLYT C7.5 acc. to DIN EN 938, type 1 in a blue oneway canister Net content: 60 kg ADR/RID: 8 C9 II / UN 1908	H1				
AAB2074	CEDOLYT A9 acc. to DIN EN 939, type 1 in a white oneway canister Net content: 30 kg	H1				
AAB2077	CEDOLYT A9 acc. to DIN EN 939, type 1 in a white oneway canister Net content: 60 kg	H1				
	ATTENTION: dangerous material! Delivery outside Germany on request!					

4 W&T Process Systems

4.40.10 Chlorine solution storage tanks

4 W&T Process Systems 4.40.10 Chlorine solution storage tanks

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.3105.A	PVC storage tank for the storage of chlorine/chlorine dioxide or hydrochlorous acid solutions complete with Min., Max and Max-Max level controls, level indicator, sample valve, 5 m vent line and wall bracket	C2				
01 TS	capacity: 100 l, h = 505 mm			+		
01 TT	capacity: 150 l, h = 805 mm			+		
N.008.W	Gas absorber unit for the neutralisation of chlorine or chlorine dioxide vapours, designed as odour seal for connection to the vent line of the reactors or solution storage tanks, cpl. with thiosulphate granules for the initial filling, PVC pipe connection DN 25	C2				
N.3105.B	Safety Overflow designed for the protection of a solution tank in case the level control system fails	C2				
AAC8659	Ball valve PVC-U/FPM, DN 10, PN 16	H1				
AAC8662	Ball valve PVC-U/FPM, DN 15, PN 16	H1				
AAC8665	Ball valve PVC-U/FPM, DN 20, PN 16	H1				
AAC8668	Ball valve PVC-U/FPM, DN 25, PN 16	H1				
AAC8671	Ball valve PVC-U/FPM, DN 32, PN 16	H1				
AAC8674	Ball valve PVC-U/FPM, DN 40, PN 16	H1				
AAC8677	Ball valve PVC-U/FPM, DN 50, PN 16	H1				
AAC8743	Ball valve PVC-U/EPDM, Rp 1/2", PN 10	H1				

4 W&T Process Systems

4.40.20 Control panel for chlorine solution preparation unit

4 W&T Process Systems 4.40.20 Control panel for chlorine solution preparation unit

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
41-E-7773	<p>Control panel for solution preparation unit for automatic control in function of the liquid level empty tank (empty, min., max., overflow), incorporating: - control of solenoid valve for injector operating water supply and vent gas absorber - level control measurement via level switch EMPTY, MIN, MAX, and OVERFLOW - with LOGO modul, control switch "Preparation", multi-function push button for alarm acknowledgement, test and unpowered signal contacts</p> <p>Panel for wall mounting: ----- H x W x D = 400 x 300 x 210 mm sheet steel cabinet for wall mounting finish grey, RAL 7032, IP 54 to EN 60204 / EN 60439, completely wired, interconnected and tested power supply 1/N/PE, AC 230 V, 50 Hz</p>	C2				
41-E-7774	<p>Control panel for solution preparation unit for automatic control in function of the liquid level empty tank (empty, min., max., overflow), incorporating: - control of solenoid valve for injector operating water supply and vent gas absorber - control of the booster pump 0.55 kW - level control measurement via level switch EMPTY, MIN, MAX, and OVERFLOW - with LOGO modul, control switch "Preparation", multi-function push button for alarm acknowledgement, test and unpowered signal contacts</p> <p>Panel for wall mounting: ----- H x W x D = 400 x 300 x 210 mm sheet steel cabinet for wall mounting finish grey, RAL 7032, IP 54 to EN 60204 / EN 60439, completely wired, interconnected and tested power supply 3/N/PE, AC 400/230 V, 50Hz</p>	C2				

4 W&T Process Systems

4.40.25 Complete System for the preparation of chlorine solution

4 W&T Process Systems 4.40.25 Complete System for the preparation of chlorine solution

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
VA-66984.100	<p>Complete system for the preparation of chlorine solution pre-assembled and pre-wired on a wall mounting panel, dimensions: approx. W 1200 x H 1200 x D 600 mm incorporating the following main components:</p> <ul style="list-style-type: none"> - 1 S10k chlorinator - 1 injector with check valve, type 140F Capacity max.: 600 g/h Cl₂ Operating water quantity: 780 l/h Operating water pressure: 2.3 bar g - 1 storage tank for chlorine solution complete with Min,Max and Max/Max level controls, level indicator, sample valve, wall-mounting bracket and absorber unit - 1 vent gas injector, Type 140G Capacity max.: 780 l/h Back pressure: 0.5 bar g Operating water quantity: 1050 l/h Operating water pressure: 4.5 bar g - 1 set of valving for the chlorine solution and vent gas injectors (operating water requirements: 1.83 m³/h, 4.5 bar) consisting of: 1 PVC ball valve DN 25 1 PVC strainer DN 25 1 solenoid valve 1", 230 V, 50 Hz normally closed 1 flowmeter for injector operating unit, incl. manual control valve 100 - 1000 l/h 2 PVC check valves DN 20 installed upstream of the injectors - 1 control panel for the level controlled preparation system 	C2				
VA-60516.100	<p>Complete system for the preparation of chlorine solution pre-assembled and pre-wired on a wall mounting panel, dimensions: approx. W 1200 x H 1200 x D 600 mm incorporating the following main components:</p> <ul style="list-style-type: none"> - 1 S10k chlorinator - 1 injector with check valve, type 99D Capacity max.: 200 g/h Cl₂ Back pressure: 0.2 bar g Operating water quantity: 380 l/h Operating water pressure: 2,5 bar g - 1 storage tank for chlorine solution complete with Min,Max and Max/Max level controls, level indicator, sample valve, wall-mounting bracket and absorber unit - 1 set of valving for the chlorine solution and vent gas injectors consisting of: 1 PVC ball valve DN 15 1 PVC strainer DN 15 1 solenoid valve 1", 230 V, 50 Hz normally closed 1 flowmeter for injector operating unit, incl. manual control valve 50 - 500 l/h 1 PVC check valve DN 15 installed upstream of the injector - 1 control panel for the level controlled preparation system 	C2				

4 W&T Process Systems 4.40.25 Complete System for the preparation of chlorine solution

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
VA-66984.001	<p>Complete system for the preparation of chlorine solution pre-assembled and pre-wired on a wall mounting panel, dimensions: approx. W 1200 x H 1200 x D 600 mm incorporating the following main components:</p> <ul style="list-style-type: none"> - 1 S10k chlorinator - 1 injector with check valve, type 140F Capacity max.: 600 g/h Cl₂ Back pressure: 0.2 bar g Operating water quantity: 700 l/h Operating water pressure: 1.8 bar g - 1 storage tank for chlorine solution complete with Min,Max and Max/Max level controls, level indicator, sample valve, wall-mounting bracket and absorber unit - 1 vent gas injector, Type 140G Capacity max.: 700 l/h Back pressure: 0.5 bar g Operating water quantity: 950 l/h Operating water pressure: 3.75 bar g - 1 set of valving for the chlorine solution and vent gas injectors (operating water requirements: 1.75 m³/h, 3.75 bar) consisting of: 1 PVC ball valve DN 25 1 PVC strainer DN 25 1 solenoid valve 1", 230 V, 50 Hz normally closed 1 flowmeter for injector operating unit, incl. manual control valve 100 - 1000 l/h 2 PVC check valves DN 20 installed upstream of the injectors - 1 control panel for the level controlled preparation system 	C2				

4 W&T Process Systems

4.50.10 Marble Gravel Tank for the Generation of Hypochlorous Acid

4 W&T Process Systems 4.50.10 Marble Gravel Tank for the Generation of Hypochlorus Acid

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD1486	Marble gravel tank made of FRP (Fibreglass Reinforced Polyester), suitable for max. 2 bar g, consisting of: - tank with connection equipment - inspection glass - filling lid 4" with hopper - pressure safety valve - relief valve incl. relief line 5 m - drain valve - initial marble gravel filling Technical data: - tank capacity: 200 l - test pressure: 4 bar g - dimensions: diameter 615 mm	C2				
AAD1489	Marble gravel tank made of FRP (Fibreglass Reinforced Polyester), suitable for max. 2 bar g, consisting of: - tank with connection equipment - inspection glass - filling lid 4" with hopper - pressure safety valve - relief valve incl. relief line 5 m - drain valve - initial marble gravel filling Technical data: - tank capacity: 300 l - test pressure: 4 bar g - dimensions: diameter 615 mm	C2				
BA-85004-D	Instruction manual Marble gravel tank, German	NT				
N.3105.E	Marble gravel tank pressureless design, made of PE, incl. initial filling of marble gravel	C2				
02 AR	capacity 300l, throughput 2500l/h					+
02 AS	capacity 500l, throughput 3750l/h					+
02 AT	capacity 750l, throughput 6000l/h					+
08 AR	without level control					
08 AS	with level control					+
BA-85009-D	Instruction manual Marble gravel tank, pressureless, made of PE, German	NT				
BA-85009-E	Instruction manual Marble gravel tank, pressureless, made of PE, English	NT				
BA-85009-F	Instruction manual Marble gravel tank, pressureless, made of PE, French	NT				

4 W&T Process Systems 4.50.10 Marble Gravel Tank for the Generation of Hypochlorous Acid

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD1924	PVC by-pass arrangement for a marble gravel reaction tank, for manual operation, consisting of: - 1 three-way PVC ball valve - 1 PVC check valve - 5 m PVC pipe incl. fittings and fixing material	H1				
AAD1927	PVC by-pass arrangement for a marble gravel reaction tank, for automatic operation, in connection with a pH-value measuring and control system, consisting of: - 1 three-way motorized PVC ball valve 230 V - 1 PVC check valve - 5 m PVC pipe incl. fittings and fixing material	H1				

4 W&T Process Systems

4.60.10 Injector Operated Liquid Feed Systems

4 W&T Process Systems 4.60.10 Injector Operated Liquid Feed Systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.3101.A	Injector operated liquid	C2				
	feed system, mainly consisting of					
	- 1 flowmeter					
	- 1 control unit for flow adjustment					
	- 1 pressure control valve with strainer and pressure gauge					
	- 1 ball valve					
	- 1 solenoid valve, 230 V, 50 Hz, n.c.					
	- 1 PVC check valve					
	- 1 aspirator-type injector					
03 RB	for chlorine solution					
03 RC	for hypochlorous acid solution					
03 RD	for chlorine dioxide solution					
04 RB	metering range: 3 - 35 l/h					+
04 RC	metering range: 5 - 50 l/h					+
04 RD	metering range: 15 - 150 l/h					+
04 RE	metering range: 25 - 250 l/h					+
04 RF	metering range: 40 - 400 l/h					+
04 RG	metering range: 63 - 630 l/h					+
04 RH	metering range: 100 - 1000 l/h					+
04 RJ	metering range: 10 - 100 l/h					+
04 RK	metering range: 200 - 2000 l/h					+
05 RB	nominal diameter: DN 15 (½")					
05 RC	nominal diameter: DN 20 (¾")					
05 RD	nominal diameter: DN 25 (1")					
05 RE	nominal diameter: DN 32 (1¼")					
07 RB	PN 10, reduced pressure 1.5 - 6 bar g					
07 RC	PN 16, reduced pressure 1.2 - 12 bar g					
08 RB	injector throat no.: 99					
08 RC	injector throat no.: 120					
08 RD	injector throat no.: 140					
08 RE	injector throat no.: 165					
08 RF	injector throat no.: 193					
08 RG	injector throat no.: 242					
08 RH	injector throat no.: 312					
09 RB	injector tailpiece D					
09 RC	injector tailpiece F					
09 RD	injector tailpiece G					
09 RE	injector tailpiece H					
09 RF	injector tailpiece J					
09 RG	injector tailpiece E					
09 RH	injector tailpiece L					
09 RJ	injector tailpiece C					

4 W&T Process Systems 4.60.10 Injector Operated Liquid Feed Systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.3101.B	Injector operated liquid feed system *W-I*, mainly consisting of: - 1 flowmeter - 1 control unit for flow adjustment - 1 pressure control valve with strainer and pressure gauge - 1 ball valve - 1 solenoid valve, 230 V, 50 Hz, n.c. - 2 PVC check valves - 1 aspirator-type injector	C2				
03 TB	for chlorine solution					
03 TC	for diluted hypochlorous acid					
03 TD	for ClO2-solution					
04 TB	range: 3 - 35 l/h					+
04 TC	range: 5 - 50 l/h					+
04 TD	range: 15 - 150 l/h					+
04 TE	range: 25 - 250 l/h					+
04 TF	range: 40 - 400 l/h					+
04 TG	range: 63 - 630 l/h					+
04 TH	range: 100 - 1000 l/h					+
04 TJ	range: 200 - 2000 l/h					+
04 TK	range: 10 - 100 l/h					+
05 TB	nominal size: DN 15					
05 TC	nominal size: DN 20					
05 TD	nominal size: DN 25					
05 TE	nominal size: DN 32					
05 TF	nominal size: DN 40					
07 TB	PN 10, discharge pressure 1.5 - 6 bar					
07 TC	PN 16, discharge pressure 1.5 - 12 bar					
N.3101.D	W&T injector arrangement with integral check valve, made of PVC, for the aspiration of liquids or gases	C2				
03 LB	operating water connection: DN 20					
06 LB	solution discharge connection: DN 20					
06 LC	solution discharge connection DN 25					
09 LB	injector throat no. 99					
09 LC	injector throat no. 140					
09 LD	injector throat no. 193					
09 LE	injector throat no. 242					
09 LF	injector throat no. 312					
09 LG	injector throat no. 120					
09 LJ	injector throat no. 165					
10 LC	injector tailpiece "C"					
10 LD	injector tailpiece "D"					
10 LE	injector tailpiece "E"					
10 LF	injector tailpiece "F"					
10 LG	injector tailpiece "G"					
10 LH	injector tailpiece "H"					
10 LJ	injector tailpiece "J"					
10 LK	injector tailpiece "K"					
10 LL	injector tailpiece "L"					

4 W&T Process Systems 4.60.10 Injector Operated Liquid Feed Systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.004.G	Flowmeter for solution float-type, with transparent PVC tube, complete with PVC union connections, suitable for chlorine, hypochlorous acid and chlorine dioxide solutions ranges: up to 50 l/h with ceramic float ranges: 100 l/h and bigger with titanium float	C2				
04 GB	range: 3 - 35 l/h, DN 15					+
04 GC	range: 5 - 50 l/h, DN 15					+
04 GD	range: 10 - 100 l/h, DN 15					+
04 GE	range: 15 - 150 l/h, DN 15					+
04 GF	range: 25 - 250 l/h, DN 15					+
04 GG	range: 40 - 400 l/h, DN 15					+
04 GH	range: 63 - 630 l/h, DN 15					+
04 GI	range: 100 - 1000 l/h, DN 25					+
04 GJ	range: 200 - 2000 l/h, DN 25					+
04 GK	range: 250 - 2500 l/h, DN 50					+
N.3101.C	Control unit for setting the desired feed rate, consisting of: - 1 PVC adjusting valve - 1 PVC-U ball valve incl. union connections	C2				
05 15	size DN 15, PN 10					+
05 20	size DN 20, PN 10					+
05 25	size DN 25, PN 10					+
05 32	size DN 32, PN 10					+
06 EP	gaskets made of EPDM					
06 FP	gaskets made of FPM					+
<p>*****</p> <p>* EPDM gaskets are suitable for water *</p> <p>* and operating water for injectors *</p> <p>* FPM gaskets are suitable for chlorine *</p> <p>* and chlorine dioxide solutions and *</p> <p>* hypochlorous acid *</p> <p>*****</p>						

4 W&T Process Systems

4.70.10 Solution control valves with electric positioner

4 W&T Process Systems 4.70.10 Solution control valves with electric positioner

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.107.L	Control valve for the automatic control of ClO2 solution to a control signal. Made as V-notch control valve with electric positioner motor, for wall mounting, incl. vacuum control valve (acc. to VDI/VDE 2173) Motor: 230 V, 50 Hz, IP 65 with 1000 Ohm feedback potentiometer	C1				
03 A	control range: up to 2.5 l/h					+
03 B	control range: 0.4 - 8 l/h					+
03 C	control range: 0.8 - 16 l/h					+
03 D	control range: 1.2 - 24 l/h					+
03 E	control range: 2 - 40 l/h					+
03 F	control range: 3 - 60 l/h					+
03 G	control range: 4 - 80 l/h					+
03 H	control range: 6 - 120 l/h					+
03 I	control range: 8 - 160 l/h					+
03 J	control range: 10 - 200 l/h					+
03 K	control range: 12.5 - 250 l/h					+
03 L	control range: 17.5 - 350 l/h					+
03 M	control range: 22.5 - 450 l/h					+
03 AE	control range: 25.0 - 500 l/h					+
03 AF	control range: 42.5 - 850 l/h					+
03 AG	control range: 67.5 - 1350 l/h					+
03 AH	control range: 87.5 - 1750 l/h					+
03 AK	control range: 150 - 3000 l/h					+
03 AL	control range: 200 - 4000 l/h					+
03 AM	control range: 250 - 5000 l/h					+
11 115	power supply: 115 V, 50/60 Hz					
11 230	power supply: 230 V, 50/60 Hz					
BA-80029-D	Instruction manual Control valve, German	NT				
BA-80029-E	Instruction manual Control valve, English	NT				
BA-80029-F	Instruction manual Control valve, French	NT				
AAC8965	Ratio control unit Retrofit kit for direct control of positioner type UX-96285 via a 4-20 mA signal. 230 VAC, 50/60 Hz, 2 VA	C1				
AAC8968	Ratio control unit Retrofit kit for direct control of positioner type UX-96285 via a 4-20 mA signal. 115 VAC, 50/60 Hz, 2 VA	C1				
IM.040.050DD	Instruction manual Control of positioner, German	NT				
IM.040.050DE	Instruction manual Control of positioner, English	NT				
IM.040.050DF	Instruction manual Control of positioner, French	NT				

4 Process technology

4.80.10 UV systems, series Barrier L



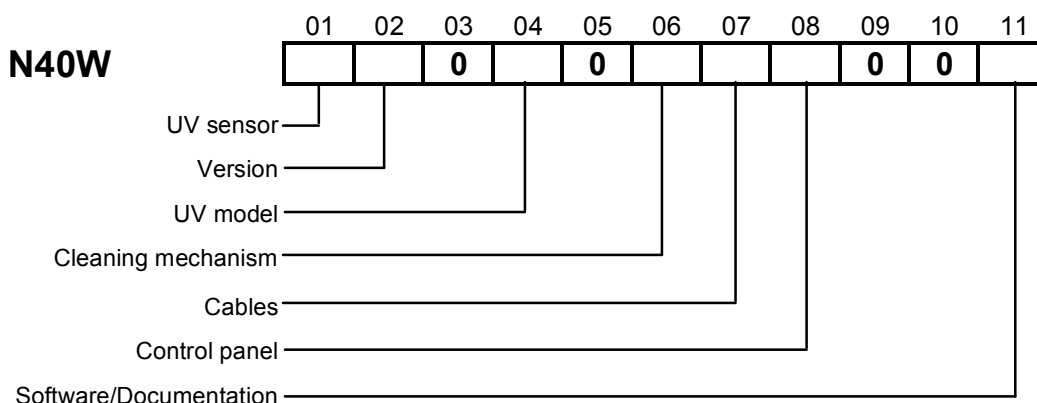
UV system, series Barrier L

pre-engineered systems including:

- UV chamber made of 1.4404
compact design for horizontal or vertical
integration into existing mains
without any problems
- operating pressure: 10 bar max.
- enclosure IP54
- low pressure UV lamps
- quartz sleeve



ORDERING/PRICING CODE



Selection 01 - UV sensor

Code	Description	Price
0	without UV sensor	
1	UV sensor	

Selection 02 - Version

Code	Description	Price
E	EU version (GZ)	
G	EU version (GB)	

Selection 04 - UV model

Code	Description	Price
A	Barrier L 3, pipe connection G2", UV lamp 1 x WTL20	
B	Barrier L 4, pipe connection G2", UV lamp 1 x WTL40S	
C	Barrier L 6, pipe connection G2", UV lamp 1 x WTL40	
D	Barrier L 9, pipe connection G2", UV lamp 1 x WTL65	
E	Barrier L 12, pipe connection G2", UV lamp 1 x WTL80	
F	Barrier L 20, pipe connection G3", UV lamp 1 x WTL80	
G	Barrier L 35, pipe connection G3", UV lamps 2 x WTL80	
H	Barrier L 50, pipe connection G3", UV lamps 3 x WTL80	
I	Barrier L 65, pipe connection G3", UV lamps 4 x WTL80	

Selection 06 - Cleaning mechanism

Code	Description	Price
0	without cleaning mechanism	
M	manual cleaning mechanism (G2")	
N	manual cleaning mechanism (G3")	

Selection 07 - Connecting cables between control panel and UV chamber

Code	Description	Price
5	length: 5 m (16.4 ft)	
1	length: 10 m (32.8 ft)	
2	length: 20 m (65.6 ft)	
3	length: 50 m (164 ft)	

Selection 08 - Control panel

Code	Description	Price
S	sheet steel, powder-coated RAL 7035	
E	stainless steel 1.4301	

Selection 11 - Software/Documentation

Code	Description	Price
D	German/German	
E	English/English	
F	French/French	
I	English/Italian	

IM.085.360DE **Instruction manual**
 Barrier L, English

IM.085.360.05DE **Installation manual**
 Barrier L 3, English

IM.085.360.10DE **Installation manual**
 Barrier L 4, English

IM.085.360.15DE **Installation manual**
 Barrier L 6, English

IM.085.360.20DE **Installation manual**
 Barrier L 9, English

IM.085.360.25DE **Installation manual**
 Barrier L 12, English

IM.085.360.30DE **Installation manual**
 Barrier L 20, English

IM.085.360.35DE **Installation manual**
 Barrier L 35, English

IM.085.360.40DE **Installation manual**
 Barrier L 50, English

IM.085.360.45DE **Installation manual**
 Barrier L 65, English

		SDP	PG	Price
AAD1660	Mounting material consisting of 2 brackets and fixing material, for pipe connection G 2" without material for wall mounting	21	C1	
AAD1663	Mounting material consisting of 2 brackets and fixing material, for pipe connection G 3" without material for wall mounting	21	C1	

4 W&T Process Systems

4.80.11 UV WAVE BW *** DVGW CERTIFIED ***



Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD3436	UV system Type: UV Wave BW comprising: - UV chamber SS316Ti connection: 1" BSP (acc. to DIN 2986) operating pressure: 10 bar max. with UV sensor acc. to DVGW W294-3 - 1 x low pressure UV lamp WTL80 - quartz sleeve - control panel sheet steel, powder-coated RAL7035 incl. HPCII Controller Power supply: 230 V, 50 Hz, 60 W - 5 m connecting cables - 2 m communication cable between control module and display	C2				
IM.085.365.01DD	Instruction manual	NT				

4 Process technology

4.80.15 UV systems, series Barrier A



NOTE:
applicable for a chloride concentration of maximum 800 mg/l

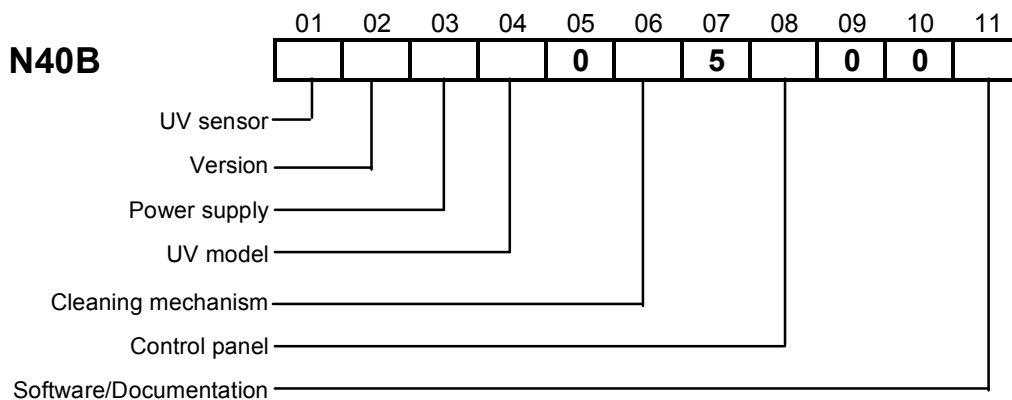
UV system, series Barrier A

pre-engineered systems including:

- UV chamber made of 1.4404
compact design for integration into existing mains without any problems
- operating pressure: 10 bar max.
- 5 m connecting cables
- Amalgam UV lamps
- quartz sleeve
- temperature sensor PT100
- enclosure IP54
- including instruction and installation manual



ORDERING/PRICING CODE



Selection 01 - Sensor

Code	Description	Price
1	standard sensor 200 W/m ²	
D	DVGW version (Barrier A 45 and 120), DVGW sensor 100 W/m ²	
E	DVGW version (Barrier A 45 and 120), DVGW sensor 50 W/m ²	

Selection 02 - Version

Code	Description	Price
E	EU version (GZ)	
G	EU version (GB)	

Selection 03 - Power supply

Code	Description	Price
0	230V	
A	120V	
C	240V	

Selection 04 - UV model

Code	Description	Price
A	Barrier A 25, pipe connection G2", UV lamp 1 x WTL200	
B	Barrier A 45 flange DN125, UV lamp 1 x WTL200	
C	Barrier A 75, flange DN125, UV lamp 2 x WTL200	
D	Barrier A 120, flange DN125, UV lamps 3 x WTL200	
E	Barrier A 150, flange DN125, UV lamps 4 x WTL200	

Selection 06 - Cleaning mechanism

Code	Description	Price
0	without cleaning mechanism	
M	manual cleaning mechanism (G2")	
N	manual cleaning mechanism (DN125)	
A	automatic cleaning mechanism (DN125)	

Selection 08 - Control panel

Code	Description	Price
S	sheet steel, powder-coated RAL 7035	
E	stainless steel 1.4301 for Barrier A 25/45/75	
F	stainless steel 1.4301 for Barrier A 120/150	

Selection 11 - Software/Documentation

Code	Description	Price
D	German/German	
E	English/English	
F	French/French	
I	English/Italian	

IM.085.380DE **Instruction manual**
 Barrier A, English

IM.085.380.05DE **Installation manual**
 Barrier A 25, English

IM.085.380.10DE **Installation manual**
 Barrier A 45, English

IM.085.380.15DE **Installation manual**
 Barrier A 75, English

IM.085.380.20DE **Installation manual**
 Barrier A 120, English

IM.085.380.25DE **Installation manual**
 Barrier A 150, English

		SDP	PG	Price
AAD1660	Mounting material consisting of 2 brackets and fixing material, for pipe connection G 2" without material for wall mounting	21	C2	
AAD1636	Mounting material consisting of 2 brackets and fixing material, or flange connection DN125 without material for wall mounting	21	C2	
AAD4342	Mobile cleaning system for Barrier A for chemical cleaning of UV systems, including container 60l, container pump, 7m (23 ft) PVC hose and instruction manual in German language, for G 1/2" cleaning ports, pre-fitted on a hand cart Power supply: 1/N/PE 230V AC	14	C3	

4 Process technology

4.80.20 UV systems, series Barrier M

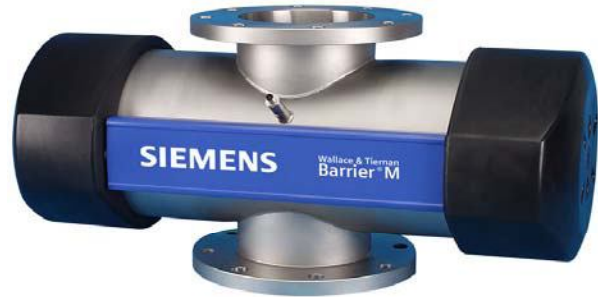
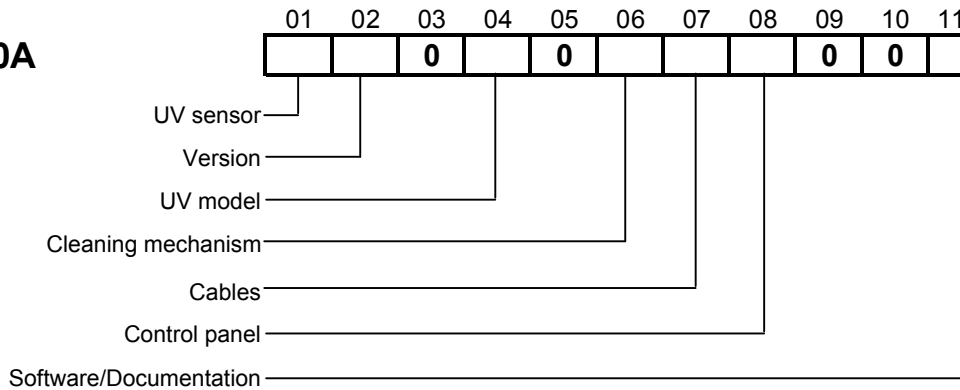


NOTE:
applicable for a chloride concentration of maximum 800 mg/l

UV system, series Barrier M

fully engineered systems including:

- UV chamber made of 1.4404
- compact design for horizontal or vertical integration into existing mains without any problems
- medium pressure UV lamp(s)
- quartz sleeve(s)
- temperature sensor PT100
- disinfection control
- flow pacing (collection, display and processing of the current measured flow, adaptation of the alarm setpoint)
- enclosure IP54
- connection to a W&T ChemWeb-server possible
- power supply 230/400 V AC, 50 Hz
- including instruction and installation manual

**ORDERING/PRICING CODE****N40A****Selection 01 - UV sensor**

Code	Description	Price
3	UV sensor 200 W/m ²	
1	UV sensor 1000 W/m ²	
2	UV sensor 2000 W/m ²	
D	Barrier M 275/525 DVGW certified	
E	Barrier M 900 incl. MultiSens unit - DVGW certified	
F	Barrier M 1250 incl. MultiSens unit - DVGW certified	
G	Barrier M 2600 incl. MultiSens unit - DVGW certified	
H	Barrier M 3800 incl. MutliSens unit - DVGW certified	

Selection 02 - version

Code	Description	Price
E	EU version (GZ), operating pressure PN10	
F	EU version (GZ), operating pressure PN16	
G	EU version (GB), operating pressure PN10	
H	EU version (GB), operating pressure PN16	
I	EU version (GZ), connection ANSI B16.5 cl150	
J	EU version (GB), connection ANSI B16.5 cl150	

Selection 04 - UV model

Code	Description	Price
A	Barrier M 35, flange DN80 / 3", UV lamp 1 x WTL1000	
B	Barrier M 80, flange DN125 / 5", UV lamp 1 x WTL1000	
C	Barrier M 135, flange DN125 / 5", UV lamp 1 x WTL2000	
D	Barrier M 210, flange DN125 / 5", UV lamps 4 x WTL1000	
E	Barrier M 290, flange DN125 / 5", UV lamps 3 x WTL2000	
F	Barrier M 350, flange DN125 / 5", UV lamps 4 x WTL2000	
G	Barrier M 275, flange DN200 / 8", UV lamp 1 x WTL2000	
H	Barrier M 525, flange DN200 / 8", UV lamps 2 x WTL2000	
I	Barrier M 700, flange DN200 / 8", UV lamps 3 x WTL2000	
J	Barrier M 900, flange DN200 / 8", UV lamps 4 x WTL2000	
K	Barrier M 1250, flange DN200 / 8", UV lamps 6 x WTL2000	
L	Barrier M 1400, flange DN350 / 14", UV lamps 2 x WTL3500	
M	Barrier M 2000, flange DN350 / 14", UV lamps 3 x WTL3500	
N	Barrier M 2600, flange DN350 / 14", UV lamps 4 x WTL3500	
O	Barrier M 3800, flange DN350 / 14", UV lamps 6 x WTL3500	

additionally for photooxidation / chloramine reduction

J	Barrier M 950, flange DN200 / 10", UV lamps 3 x WTL2000	
K	Barrier M 1200, flange DN200 / 10", UV lamps 4 x WTL2000	
P	Barrier M 1300, flange DN 350 / 14", UV lamps 3 x WTL2000	
Q	Barrier M 1700, flange DN 350 / 14", UV lamps 4 x WTL2000	

Selection 06 - cleaning mechanism

Code	Description	Price
0	without cleaning mechanism	
M	manual cleaning mechanism (DN80&125 / 3"&5")	
N	manual cleaning mechanism (DN200 / 8")	
O	manual cleaning mechanism (DN350 / 14")	
A	automatic cleaning mechanism (DN125 / 5")	
B	automatic cleaning mechanism (DN200 / 8")	
C	automatic cleaning mechanism (DN350 / 14")	

Selection 07 - Connecting cables between control panel and UV chamber

Code	Description	Price
5	length: 5 m (16.4 ft)	
1	length: 10 m (32.8 ft)	
2	length: 20 m (65.6 ft)	
3	length: 50 m (164 ft)	

Selection 08 - Control panel

Code	Description	Price
0	customized	
X	sheet steel, powder-coated RAL 7035	
T	stainless steel 1.4301 Barrier M 35/80/135/275/525	
U	stainless steel 1.4301 Barrier M 210/290/350/700/900/1250/1400/1300/1700	
V	stainless steel 1.4301 Barrier M 2000 and 2600	
W	stainless steel 1.4301 for Barrier M 3800	

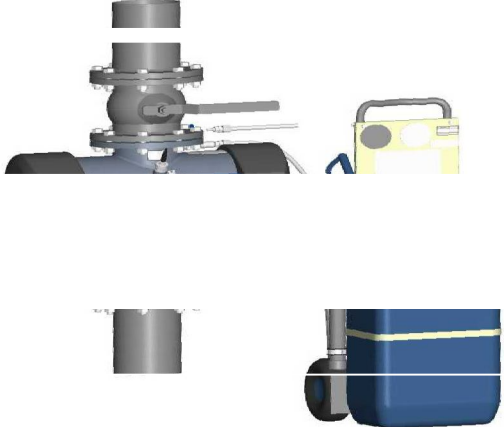

Selection 11 - Software/Documentation

Code	Description	Price
D	German/German	
E	English/English	
F	French/French	
I	English/Italian	

PRODUCT GROUP C2
DELIVERY TIME AFTER RECEIPT OF YOUR ORDER:
- EU version 10 bar: 8 weeks
- EU version 16 bar: 10 weeks
- EU version ANSI: 10 weeks

- IM.085.375DE** **Instruction manual**
Barrier M, English
- IM.085.375.05DE** **Installation manual**
Barrier M 35, English
- IM.085.375.10DE** **Installation manual**
Barrier M 80, English
- IM.085.375.15DE** **Installation manual**
Barrier M 135, English
- IM.085.375.20DE** **Installation manual**
Barrier M 210, English
- IM.085.375.25DE** **Installation manual**
Barrier M 275, English
- IM.085.375.30DE** **Installation manual**
Barrier M 290, English
- IM.085.375.35DE** **Installation manual**
Barrier M 350, English
- IM.085.375.40DE** **Installation manual**
Barrier M 525, English
- IM.085.375.45DE** **Installation manual**
Barrier M 700, English
- IM.085.375.50DE** **Installation manual**
Barrier M 900, English
- IM.085.375.55DE** **Installation manual**
Barrier M 1250, English
- IM.085.375.60DE** **Installation manual**
Barrier M 1400, English
- IM.085.375.65DE** **Installation manual**
Barrier M 2000, English
- IM.085.375.70DE** **Installation manual**
Barrier M 2600, English
- IM.085.375.75DE** **Installation manual**
Barrier M 3800, English

		SDP	PG	Price
AAD1633	Mounting material consisting of 2 brackets and fixing material, for DIN flange connection DN80 without material for wall mounting	21	C2	
AAD1636	Mounting material consisting of 2 brackets and fixing material, for DIN flange connection DN125 without material for wall mounting	21	C2	
AAD1639	Mounting material consisting of 2 brackets and fixing material, for flange connection DN200 / 8" without material for wall mounting	21	C2	
AAD1642	Mounting material consisting of 2 brackets and fixing material, for DIN flange connection DN350 without material for wall mounting	21	C2	
AAD8887	Mounting material consisting of 2 brackets and fixing material, for ANSI flange connection 3" without material for wall mounting	21	C2	
AAD8890	Mounting material consisting of 2 brackets and fixing material, for ANSI flange connection 5" without material for wall mounting	21	C2	
AAD8893	Mounting material consisting of 2 brackets and fixing material, for ANSI flange connection 14" without material for wall mounting	21	C2	

		SDP	PG	Price
AAD4342	<p>Mobile cleaning system for Barrier M 35 - 1250 for chemical cleaning of UV systems, including container 60l, container pump, 7m (23 ft) PVC hose and instruction manual trilingual, for G 1/2" cleaning ports, pre-fitted on a hand cart Power supply: 1/N/PE 230V AC</p>	14	C3	
				
AAD5290	<p>Mobile cleaning system for Barrier M 1400 - 3800 for chemical cleaning of UV systems, including bund, dosing tank 200l, circulation pump, 7m (23 ft) PVC hose and instruction manual trilingual, for G 1/2" cleaning ports, pre-fitted on a store carriage Power supply: 1/N/PE 230V AC</p>	14	C3	
				
BAE1089	<p>Instruction manual Mobile cleaning system, trilingual</p>	7	NT	
AAD4348	<p>Cleaning port kit for G 1/2" cleaning ports</p> <p>for each UV system, 1 cleaning port kit is necessary!</p>	7	C3	

4 W&T Process Systems

4.90.10 Sludge water recycling unit UFOX

Sludge water recycling unit designed as ready-to-use system to treat refill water for swimming pools with dual virus barrier (>7 log-stages) and daily integrity test, acc. to DIN 19645. Fully automated and self-optimised operation with disinfection of the permeate and reducing of TOC, combined chlorine and chloride.

Treatment capacity max.: 10 m³/d filtrate

The compact unit consists of the following components:

- 2 UF multibore membrane modules each with 4,5 m² of filtering area
- 1 pre-filter, automatically back-washable, 200 µm
- 1 feed tank (raw water), 85 l
- 1 filter pump
- 1 filtrate tank, 200 l
- 1 filtrate pump
- 1 control unit (incl. electronics)
- 1 calibrated contact water meter for displaying the returned water

Dimensions: W 1200 x H 1810 x D 750 mm

Connections:

Feed: DN 15

Compressed air: G 1/4", 7 bar

Filtrate: R 3/4"

Waste water: DN 32

Power supply: 230 VAC, 50 Hz, 2.5 kVA
including instruction manual in German language



4 W&T Process Systems 4.90.10 Sludge water recycling unit UFOX 10

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	For the treatment of sludge water to operating water type 1 -----					
AAD5749	UFOX 10 Sludge water recycling unit with dual virus barrier (>7 log-stages) Treatment capacity: up to 10 m ³ /d depending on the water quality	C3				
AAD5746	UFOX 10 Sludge water recycling unit ditto, but including - 1 compressor for the supply of compressed air (oil-free)	C3				
AAD7495	UFOX 10-S Sludge water recycling unit suitable for brine up to 4% max. with dual virus barrier (>7 log-stages) Treatment capacity: up to 10 m ³ /d depending on the water quality	C3				
AAD7492	UFOX 10-S Sludge water recycling unit ditto, but including - 1 compressor for the supply of compressed air (oil-free)	C3				
IM.085.550DD	Instruction manual UFOX 10, German	NT				
IM.085.550DE	Instruction manual UFOX 10, English	NT				
	For the treatment of sludge water to operating water type 2 or 3 -----					
AAD6022	UFOX 20 Sludge water recycling unit with virus barrier (>3,8 log stages) Treatment capacity max.: 20 m ³ /d filtrate	C3				
AAD6019	UFOX 20 ditto, but including - 1 compressor for the supply of compressed air (oil-free)	C3				
BAE1060	Operating Manual UFOX 20, German	NT				
BAE1061	Operating Manual UFOX 20, English	NT				
BAE1062	Operating Manual UFOX 20, French	NT				

4 W&T Process Systems 4.90.10 Sludge water recycling unit UFOX

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC2326	Bund UFOX cpl.	C2				
AAD9556	Sodium hypochlorite Concentration: 12% Size: 10 kg ATTENTION: dangerous material! Delivery outside Germany on request!	H1				
AAD9553	Sulfuric acid Concentration: 37% Size: 35 kg ATTENTION: dangerous material! Delivery outside Germany on request!	H1				
AAB2083	PP Bund (safety tank) for sodium hypochlorite	C2				
AAB2086	PP Bund (safety tank) for sulfuric acid	C2				
AAD6193	Suction assembly floating construction, including 10 m suction hose	H1				
RP-9254574	Spiral hose suction line, if no suction assembly is necessary PVC, green-transparent, 25x3.5 mm operating pressure max. 7 bar Length: max. 10 m	H1				
RP-9184569	Hose PVC, fibre-reinforced, 19x4 mm for connecting sludge water pump - UFOX	H1				
RP-9184549	Hose PVC, fibre-reinforced, 16x4 mm	H1				
AAC2176	Cable Oelflex 110, 3x1 mm ² - for connection of the following voltage-free contacts to the UFOX: * release filtrate return * level alert min. sludge water tank * flushing sand filter * external release - for power supply of the sludge water pump ***** * NOTE: Overflow and waste water connections must * * still be taken into consideration! * *****	H1				

5 W&T Analysers / Controllers

5.05.05	PCS plus - Measuring, Control and Dosing System
5.05.06	PCS plus - Measuring and Control System
5.05.50	Opti Pool
5.10.10	Depolox Pool
5.15.10	MFC Multi-Function-Controller
5.15.20	SFC
5.20.25	Buffer pump
5.25.10	Depolox Basic
5.30.25	Measuring system for turbidity TMS
5.30.30	Reference measuring systems
5.30.50	Reagent Tablets
5.40.10	Sample Water Arrangements
5.40.30	Measured Value Recording by Printer
5.40.40	Measured Value Recording by Dotted Line Recorder
5.60.10	ChemWeb-Server
5.70.10	CMS 3.0
5.70.15	OPC software
5.80.10	Energy optimisation in pools

5 W&T Analysers / Controllers

5.05.05 PCS plus - Measuring, Control and Dosing System

Pool Compact System PCS plus
for the process control in swimming
pool water treatment applications.
Compact measuring, control and dosing
system according to DIN 19643,
for the following parameters:
- free chlorine: 0...3.00 mg/l
- pH value: pH4.00...pH9.00
- redox voltage: 400mV...900mV

The system comprises the following
components:

- electronics module
with the following features:
 - * 3 measurement inputs
 - * temperature input/display
 - * 2 freely configurable alarms
 - * 3 volt-free contacts
 - * integral PI controller for the
adjustment of the chlorine value
 - * pH value correction using dosing
pumps or electric positioner
 - * integral safety functions
 - * analog output 0/4...20 mA
 - * RS232/RS485 interface
 - * dimensions: 320 x 310 x 175 mm
 - * power supply: 1/N/PE 230V, 50 Hz
- including instruction manual
- flow block module Depolox PCS
for accommodation of up to three
sensors, with the following features:
 - * integral flow control valve
 - * integral Multi-Sensor
 - * hydromechanical cleaning
by quartz grit
 - * sample water outlet
pressurized up to max. 1.5 bar
 - * sample water connection
for PVC hose 6/3 mm resp.
PE hose 6/1 mm
- 2 peristaltic metering pumps Chem-Ad® VPP
incl. capacity kit 600
metering range: 45 - 600 ml/h

The measurement, control and dosing
system is completely mounted, wired
and tested on a panel W600 x H600 x D175 mm
including instruction manual



5 W&T Analysers / Controllers 5.05.05 PCS plus - Measuring, Control and Dosing System

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD2032	PCS plus Complete System designed as measuring, control and dosing system, for the parameters free chloring and pH value, with analog output 0/4-20 mA Capacity of the dosing system: 45 - 600 ml/h	C1				
AAD2035	PCS plus Complete System designed as measuring, control and dosing system, for the parameters free chlorine, pH value and Redox voltage, with analog output 0/4-20 mA Capacity of the dosing system: 45 - 600 ml/h Further capacity kits =====	C1				
AAC7495	Capacity kit 150 metering range: 8 - 150 ml/h back pressure : max. 3 bar colour marking: blue	H1				
AAC4321	Capacity kit 2000 ditto, but metering range: 45 - 2000 ml/h back pressure : max. 1.5 bar colour marking: green	H1				
AAC4324	Capacity kit 4000 ditto, but metering range: 150 - 4000 ml/h back pressure : max. 1.5 bar colour marking: red	H1				
AAC4360	Accessories vor dosing system =====					
AAC4360	Suction pipe with strainer, check valve and tank-empty switch with 5 m connection cable with wire-end sleeves housing: PVC/PVDF gaskets: Viton B ball: glass connections: PE hose 4x1, 6x1 and PVC hose 6x3 mm length: 475 mm	H1				
AAC4363	Suction pipe ditto, but length: 725 mm	H1				
AAB7687	Adaptor cap soft PVC, universally adaptable	H1				
AAC3574	Solution injection unit for connection to a customer provided socket R 1/2", with check valve and rubber lip to avoid incrustations (calcium deposits) housing : PVC gasket : FPM ball : glass operating pressure: PN 10 connection : hose 4x1 mm	C2				

5 W&T Analysers / Controllers 5.05.05 PCS plus - Measuring, Control and Dosing System

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9144435	Hose soft-PVC, transparent, 4 x 1 mm operating pressure: max. 8 bar/20° C	H1				
RP-9144451	Hose soft-PVC, transparent, 6 x 1 mm operating pressure: max. 5 bar/20°C	H1				
IM.050.425DD	Instruction manual PCS plus, Cl2, pH, mV, German	NT				
IM.050.425DE	Instruction manual PCS plus, Cl2, pH, mV, English	NT				
IM.050.425DF	Instruction manual PCS plus, Cl2, pH, mV, French	NT				
BAE1076	Instruction Manual RS485, German	NT				

5 W&T Analysers / Controllers

5.05.06 PCS plus - Measuring and Control System

Pool Compact System PCS plus
for the process control in swimming
pool water treatment applications.
Compact measuring and control system
according to DIN 19643,
for the following parameters:
- free chlorine: 0...3.00 mg/l
- pH value: pH4.00...pH9.00
- redox voltage: 400mV...900mV

The system comprises the following
components:

- electronics module
with the following features:
 - * 3 measurement inputs
 - * temperature input/display
 - * 2 freely configurable alarms
 - * 3 volt-free contacts
 - * integral PI controller for the
adjustment of the chlorine value
 - * pH value correction using dosing
pumps or electric positioner
 - * integral safety functions
 - * RS232/RS485 interface
 - * dimensions: 320 x 310 x 175 mm
 - flow block module Depolox PCS
for accomodation of up to three
sensors, with the following features:
 - * integral flow control valve
 - * integral Multi-Sensor
 - * hydromechanical cleaning
by quarz grit
 - * sample water outlet
pressurized up to max. 1.5 bar
 - * sample water connection
for PVC hose 6/3 mm resp.
PE hose 6/1 mm
- including instruction manual



5 W&T Analysers / Controllers 5.05.06 PCS plus - Measuring and Control System

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD2002	PCS plus for the parameters free chlorine and pH value power supply: 1/N/PE 230V, 50 Hz	C1				
AAD2005	PCS plus for the parameters free chlorine and pH value with analog output 0/4-20 mA power supply: 1/N/PE 230V, 50 Hz	C1				
AAD2008	PCS plus for the parameters free chlorine, pH value and Redox voltage power supply: 1/N/PE 230V, 50 Hz	C1				
AAD2011	PCS plus for the parameters free chlorine, pH value and Redox voltage with analog output 0/4-20 mA power supply: 1/N/PE 230V, 50 Hz	C1				
	Single components =====					
AAD2083	Electronic Module for the parameters free chlorine and pH value Power supply: 1/N/PE 230V	C1				
AAD2065	Electronic Module for the parameters free chlorine and pH value Power supply: 1/N/PE 115V	C1				
AAD2086	Electronic Module for the parameters free chlorine and pH value, with analog output 4..20 mA Power supply: 1/N/PE 230V	C1				
AAD2068	Electronic Module for the parameters free chlorine and pH value, with analog output 4..20 mA Power supply: 1/N/PE 115V	C1				
AAD2089	Electronic Module for the parameters free chlorine, pH value and Redox voltage Power supply: 1/N/PE 230V	C1				
AAD2071	Electronic Module for the parameters free chlorine, pH value and Redox voltage Power supply: 1/N/PE 115V	C1				
AAD2092	Electronic Module for the parameters free chlorine, pH value and Redox voltage, with analog output 4..20 mA Power supply: 1/N/PE 230V	C1				
AAD2074	Electronic Module for the parameters free chlorine, pH value and Redox voltage, with analog output 4..20 mA Power supply: 1/N/PE 115V	C1				

5 W&T Analysers / Controllers 5.05.06 PCS plus - Measuring and Control System

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD2095	Electronic Module for the parameters free chlorine, pH value and free chlorine Power supply: 1/N/PE 230V	C1				
AAD2077	Electronic Module for the parameters free chlorine, pH value and free chlorine Power supply: 1/N/PE 115V	C1				
AAD2098	Electronic Module for the parameters free chlorine, pH value and free chlorine, with analog output 4..20 mA Power supply: 1/N/PE 230V	C1				
AAD2080	Electronic Module for the parameters free chlorine, pH value and free chlorine, with analog output 4..20 mA Power supply: 1/N/PE 115V	C1				
AAD2143	Flow block module pressurized, with sensor for Cl2	C1				
AAD2146	Flow block module pressurized, with sensors for Cl2 and pH	C1				
AAD2149	Flow block module pressurized, with sensors for Cl2, pH and mV	C1				
IM.050.425DD	Instruction manual PCS plus, Cl2, pH, mV, German	NT				
IM.050.425DE	Instruction manual PCS plus, Cl2, pH, mV, English	NT				
IM.050.425DF	Instruction manual PCS plus, Cl2, pH, mV, French	NT				
IM.050.430DD	Instruction manual PCS plus, Cl2, pH, Cl2, German	NT				
IM.050.430DE	Instruction manual PCS plus, Cl2, pH, Cl2, English	NT				
IM.050.430DF	Instruction manual PCS plus, Cl2, pH, Cl2, French	NT				
BAE1076	Instruction Manual RS485, German	NT				

5 W&T Analysers / Controllers

5.05.50 Opti Pool



5 W&T Analysers / Controllers 5.05.50 Opti Pool

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD5605	<p>Opti Pool</p> <p>Measuring and control system for continuous measurement of the parameters pH value and Redox voltage and for calculation of free chlorine value in pool water; compact design in microprocessor technology with sample water flow monitoring unit. The system comprises the components:</p> <ul style="list-style-type: none"> - flow cell module with sensors - electronic module with the following technical data: Chlorine (calculated) 0.2-3.0 mg/l Cl2 pH value 4.00 - 9.00 Redox voltage 0 - 1000 mV Sample water pressure: 0.2 - 1.5 bar g Sample water back pressure: 1.3 bar g Power supply: 230 V, 50/60 Hz Dimensions: W 360 x H 260 x D 90mm including instruction manuals in German, English, French, Italian and Spanish 	C1				
AAD5602	<p>Opti Pool complete system</p> <p>Measuring, control and dosing system for continuous measurement of the parameters pH value and Redox voltage and for calculation of free chlorine value in pool water; compact design in microprocessor technology with sample water flow monitoring unit, controlled addition of disinfectants and pH correction via by peristaltic dosing pumps. The system comprises the components:</p> <ul style="list-style-type: none"> - flow cell module with sensors - 2 peristaltic dosing pumps - foot valve and dosing valves - PVC hose 4x1, length 7 m each - electronic module with the following technical data: Chlorine (calculated) 0.2-3.0 mg/l Cl2 pH value 4.00 - 9.00 Redox voltage 0 - 1000 mV Dosing capacity 0.6 l/h with 1 bar Sample water pressure: 0.2 - 1.5bar g Sample water back pressure: 1.3 bar g Power supply: 230 V, 50/60 Hz including instruction manuals in German, English, French, Italian and Spanish <p>***** * NOTE: Sample water withdrawal and PVC hose * * additionally required! * *****</p>	C1				

5 W&T Analysers / Controllers

5.10.10 Depolox Pool



5 W&T Analysers / Controllers 5.10.10 Depolox Pool

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N50P	Depolox Pool Pool Management System for the process control in swimming pool water treatment applications with the patented CEDOX procedure (redox controlled chlorine control) for the especially economical use of chlorine and chlorine products. The system comprises the following components: - Electronics module with the following features: * graphic display of measured values, limit values and feed rate * 5 measuring inputs * control of PAC and UV system * economic mode * integral safety feature * RS232 interface for direct printer connection, configuration download or firmware update * RS485 interface for connection to ChemWeb-Server, OPC server data access V 2.0, CMS software * dimensions: WxHxD = 320x310x175 mm - Relais module with 8 freely selectable relais for control functions and for alarm contacts/ general alarm signals	C1				
01 C	Sensor measuring module for Cl2					+
01 0	no sensor measuring module for Cl2					
02 P	Sensor measuring module for pH-value					+
02 0	no sensor measuring module for pH-value					
03 M	Sensor measuring module for Redox voltage					+
03 0	no sensor measuring module for redox voltage					
04 N	Sensor measuring module for total chlorine					+
04 0	no sensor measuring module for total chlorine					
05 L	Sensor measuring module for conductivity					+
05 0	no sensor measuring module for conductivity					
06 4	mA output (analog)					+
06 0	no mA output (analog)					
08 I	IRDA infrared interface					+
08 0	no IRDA infrared interface					
09 L	Flow block module for wall mounting pressureless					
09 F	Flow block module for wall mounting pressurized, for max. 1.5 bar					
10 2	power supply 230 V AC					
10 1	power supply 115 V AC					
10 4	power supply 24 V DC					
11 D	software/documentation German language					
11 E	software/documentation English language					
11 F	software/documentation French language					
11 N	software/documentation Dutch language					

5 W&T Analysers / Controllers 5.10.10 Depolox Pool

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
IM.050.570DD	Instruction manual Depolox Pool, German	NT				
IM.050.570DE	Instruction manual Depolox Pool, English	NT				
IM.050.570DF	Instruction manual Depolox Pool, French	NT				
AAC5893	Concise instructions Depolox Pool, German	NT				
AAC5989	Concise instructions Depolox Pool, English	NT				
AAC5992	Concise instructions Depolox Pool, French	NT				
IM.050.570-2DD	Instruction manual Depolox Pool, RS485, German	NT				
	For detailed technical information see publication WT.050.570.DE.PS.0806					
	***** * ATTENTION: * * At least 1 sensor measuring module * * is required! * *****					
	RETROFIT KITS -----					
AAD9559	Sensor measuring module Retro-fit kit for Free Chlorine	C1				
AAC5344	Sensor measuring module Retro-fit kit for pH value	C1				
AAC5347	Sensor measuring module Redox	C1				
AAC5353	Sensor measuring module MFC TC1, Total chlorine	C1				
AAC5350	Sensor measuring module MFC/SFC/DEPOLOX Pool Conductivity, 60mS/cm	C1				
AAC5317	Analog output signal card 4 x 0/4 - 20 mA, freely configurable	C1				
AAC9118	IRDA Infrared interface for automatic calibration with time stamp function via Photometer P42 i-cal	C1				
IM.050.570-1DD	Instruction manual Retrofit kits, German	NT				
IM.050.570-1DE	Instruction manual Retrofit kits, English	NT				

5 W&T Analysers / Controllers

5.15.10 MFC Multi-Function-Controller



5 W&T Analysers / Controllers 5.15.10 MFC Multi-Function-Controller

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	MFC Multi-Function-Controller Complete system for measuring and controlling of - free chlorine - total chlorine - organic chlorine compounds - chlorine dioxide - ozone - potassium permanganate					
	Multi-Function-Controller for measuring and controlling of free chlorine, chlorine dioxide, ozone or potassium permanganate, including: - temperature display and compensation - analog output 0/4-20 mA - relais output 8-fold					
AAD4453	System MFC-Depolox 5 - sensor measuring module DEPOLOX@5, pressureless Power supply: 230 V AC	C1				
AAD4456	System MFC-Depolox 5 - sensor measuring module DEPOLOX@5, pressureless Power supply: 115 V AC	C1				
AAD4459	System MFC-Depolox 5 - sensor measuring module DEPOLOX@5, pressureless Power supply: 24 V DC	C1				
AAD4462	System MFC-Depolox 5 - sensor measuring module DEPOLOX@5, pressurized Power supply: 230 V AC	C1				
AAD4465	System MFC-Depolox 5 - sensor measuring module DEPOLOX@5, pressurized Power supply: 115 V AC	C1				
AAD4468	System MFC-Depolox 5 - sensor measuring module DEPOLOX@5, pressurized Power supply: 24 V DC	C1				
	Multi-Function-Controller for measuring and controlling of free chlorine and organic chlorine compounds in water with high pH-values and/or low conductivity, including - patent. chlorine membrane sensor type FC1 - measuring cell VariaSens pressureless - temperature display and compensation - analog output 0/4-20 mA - relais output 8-fold					
AAD4480	System MFC-VariaSens FC1 Power supply: 230 V AC	C1				
AAD4483	System MFC-VariaSens FC1 Power supply: 115 V AC	C1				
AAD4486	System MFC-VariaSens FC1 Power supply: 24 V DC	C1				

5 W&T Analysers / Controllers 5.15.10 MFC Multi-Function-Controller

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	Multi-Function-Controller for measuring and controlling of total chlorine in water, including: - patent. total chlorine sensor type TC1 - measuring cell VariaSens pressureless - temperature display and compensation - analog output 0/4-20 mA - relais output 8-fold					
AAD4471	System MFC-VariaSens TC1 Power supply: 230 V AC	C1				
AAD4474	System MFC-VariaSens TC1 Power supply: 115 V AC	C1				
AAD4477	System MFC-VariaSens TC1 Power supply: 24 V DC	C1				
	Multi-Function-Controller for measuring and controlling of chlorine dioxide in water, incl.: - patent. ClO2 sensor type CD7 - measuring cell VariaSens pressurized up to 1 bar max. - temperature display and compensation - analog output 0/4-20 mA - relais output 8-fold					
AAD4489	System MFC-VariaSens CD7 Power supply: 230 V AC	C1				
AAD4492	System MFC-VariaSens CD7 Power supply: 115 V AC	C1				
AAD4495	System MFC-VariaSens CD7 Power supply: 24 V DC	C1				
	Multi-Function-Controller for measuring and controlling of ozone in water, including: - patent. ozone membrane sensor type OZ7 - measuring cell VariaSens pressurized up to 1 bar max. - temperature display and compensation - analog output 0/4-20 mA					
AAD4498	System MFC-VariaSens OZ7 Power supply: 230 V AC	C1				
AAD4501	System MFC-VariaSens OZ7 Power supply: 115 V AC	C1				
AAD4504	System MFC-VariaSens OZ7 Power supply: 24 V DC	C1				

5 W&T Analysers / Controllers 5.15.10 MFC Multi-Function-Controller

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	MFC Multi-Function-Controller Single components for individual combination resp. upgrading your Multi-Function- Controller Systems					
	MFC basic module ----- Multi-Function-Controller in a housing for wall mounting, prepared for the reception of - max. 4 sensor measuring modules - analog signal input card 2-fold - infrared interface					
	The MFC basic module is equipped with: - analog output 4-fold - relais output 8-fold - printer connection RS232 - RS485 interface - connection for PT 1000 - connection for feedback signal - connection of 3 digital inputs					
AAD4444	MFC basic module - power supply: 230 V AC	C1				
AAD4447	MFC basic module - power supply: 115 V AC	C1				
AAD4450	MFC basic module - power supply: 24 V DC	C1				
	Sensor measuring modules without PC function (feedback control) -----					
AAD9634	Sensor measuring module DEPOLOX®5 for measuring of free chlorine, chlorine dioxide, ozone resp. potassium permanganate pressureless, incl. flow block module	C1				
AAD9640	Sensor measuring module DEPOLOX®5 for measuring of free chlorine, chlorine dioxide, ozone resp. potassium permanganate pressurized, incl. flow block module	C1				
AAD4390	Sensor measuring module FC1 - for Free chlorine and organic chlorine compounds	C1				
AAC5353	Sensor measuring module TC1 - for Total chlorine	C1				
AAD4393	Sensor measuring module CD7 - for Chlorine dioxide	C1				
AAD4396	Sensor measuring module OZ7 - for Ozone	C1				
AAD2044	Sensor measuring module pH	C1				
AAC5347	Sensor measuring module Redox voltage	C1				

5 W&T Analysers / Controllers 5.15.10 MFC Multi-Function-Controller

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD4387	Sensor measuring module Conductivity, 600 µS/cm (potable water)	C1				
AAC5350	Sensor measuring module Conductivity, 60 mS/cm (swimming pool water)	C1				
AAD2047	Sensor measuring module Fluoride Fluoride	H1				
AAC5308	Input signal card 0/4-20 mA and/or 0-10 V Flow-through assemblies -----	C1				
AAD4165	Flow block module VariaSens, pressureless type	C3				
AAD4360	Flow block module VariaSens, pressure type	C3				
UXB-93743	Flow-through assembly PVC/FPM, DN 15, pressure type version, for pH- and Redox probes	H1				
AAB9445	Flow-through assembly for conductivity measuring cell pressurized	C2				
U-94845	Flow-through assembly PVC/FPM, DN 15, for fluoride probe	C2				
IM.050.580DD	Instruction manual MFC, German	NT				
IM.050.580DE	Instruction manual MFC, English	NT				
IM.050.580DF	Instruction manual MFC, French	NT				
IM.050.580-1DD	Instruction manual Sensor measuring modules and retrofit kits, German	NT				
IM.050.580-1DE	Instruction manual Sensor measuring modules and retrofit kits, English	NT				
IM.050.580-1DF	Instruction manual Sensor measuring modules and retrofit kits, French	NT				

5 W&T Analysers / Controllers 5.15.10 MFC Multi-Function-Controller

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
IM.050.580-2DD	Instruction manual RS485 bus interface, German	NT				
IM.050.580-2DE	Instruction manual RS485 bus interface, English	NT				
IM.050.580-2DF	Instruction manual RS485 bus interface, French	NT				

5 W&T Analysers / Controllers

5.15.20 SFC



5 W&T Analysers / Controllers 5.15.20 SFC

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	<p>Electronic Module SFC Feedback control unit and for visualisation of the measured data, for wall mounting, prepared for the reception of 1 sensor measuring module, including the following features:</p> <ul style="list-style-type: none"> - temperature input PT1000 - actuator feedback signal - 2 x analog input - 2 x digital input - analog output - 4 x relais output - interfaces: <ul style="list-style-type: none"> * RS485 for connecting a W&T-ChemWeb-Server, OPC server or CMS software * RS232 for firmware update - real time clock - SD card slot - enclosure IP66 - ambient temperature 0-50°C / 32-122°F - dimensions: W270 x H147 x D185 mm 					
AAD8032	<p>Electronic module SFC</p> <ul style="list-style-type: none"> - power supply 100-240 VAC, 50/60 Hz - for wall mounting 	C1				
AAD8035	<p>Electronic module SFC</p> <ul style="list-style-type: none"> - power supply 24 VDC - for wall mounting 	C1				
AAD9502	<p>Electronic module SFC</p> <ul style="list-style-type: none"> - power supply 100-240 VAC, 50/60 Hz - for panel mounting 	C1				
AAD9505	<p>Electronic module SFC</p> <ul style="list-style-type: none"> - power supply 24 VDC - for panel mounting 	C1				
	<p>Electronic module SFC PC Process control unit, applicable as compound loop control, feedback control or ratio control, including the following features:</p> <ul style="list-style-type: none"> - temperature input PT1000 - actuator feedback signal - 3 x analog input - 2 x digital input - analog output - 4 x relais output - interfaces: <ul style="list-style-type: none"> * RS485 for connecting a W&T-ChemWeb-Server, OPC server or CMS software * RS232 for firmware update - real time clock - SD card slot - enclosure IP66 - ambient temperature 0-50°C / 32-122°F - dimensions: W270 x H147 x D185 mm 					
AAD8050	<p>Electronic module SFC PC</p> <ul style="list-style-type: none"> - power supply 100-240 VAC, 50/60 Hz - for wall mounting 	C1				
AAD8053	<p>Electronic module SFC PC</p> <ul style="list-style-type: none"> - power supply 24 VDC - for wall mounting 	C1				
AAD9508	<p>Electronic module SFC PC</p> <ul style="list-style-type: none"> - power supply 100-240 VAC, 50/60 Hz - for panel mounting 	C1				
AAD9511	<p>Electronic module SFC PC</p> <ul style="list-style-type: none"> - power supply 24 VDC - for panel mounting 	C1				

5 W&T Analysers / Controllers 5.15.20 SFC

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	Electronic module SFC SC for proportional controlled dosing, for wall mounting, with the following features: - analog input - actuator feedback signal - 2 x digital input - analog output - 2 x relais output - RS232-interface for firmware update - ambient temperature 0-50°C / 32-122°F - dimensions: W270 x H147 x D185 mm					
AAD8056	Electronic module SFC SC - power supply 100-240 VAC, 50/60 Hz - for wall mounting	C1				
AAD8059	Electronic module SFC SC - power supply 24 VDC - for wall mounting	C1				
AAD9514	Electronic module SFC SC - power supply 100-240 VAC, 50/60 Hz - for panel mounting	C1				
AAD9517	Electronic module SFC SC - power supply 24 VDC - for panel mounting	C1				
	Sensor measuring modules without PC function (feedback control) -----					
AAD9634	Sensor measuring module DEPOLOX®5 for measuring of free chlorine, chlorine dioxide, ozone resp. potassium permanganate pressureless, incl. flow block module	C1				
AAD9640	Sensor measuring module DEPOLOX®5 for measuring of free chlorine, chlorine dioxide, ozone resp. potassium permanganate pressurized, incl. flow block module	C1				
AAD2044	Sensor measuring module pH	C1				
AAC5347	Sensor measuring module Redox voltage	C1				
AAC5350	Sensor measuring module Conductivity, 60 mS/cm (swimming pool water)	C1				
AAD4387	Sensor measuring module Conductivity, 600 µS/cm (potable water)	C1				
AAD2047	Sensor measuring module Fluoride	H1				
AAD9595	Sensor measuring module FC1- for Free chlorine and organic chlorine compounds.	C1				
AAD9583	Sensor measuring module TC1 - for Total chlorine	C1				
AAD9589	Sensor measuring module TC1-S - Total chlorine for brine	C1				

5 W&T Analysers / Controllers 5.15.20 SFC

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD9601	Sensor measuring module CD7 - for Chlorine dioxide	C1				
AAD9607	Sensor measuring module OZ7 - for Ozone	C1				
AAC5308	Input signal card 0/4-20 mA and/or 0-10 V	C1				
	Sensor measuring modules with PC function (compound loop control) -----					
AAD9637	Sensor measuring module DEPOLOX®5 for measuring of free chlorine, chlorine dioxide, ozone resp. potassium permanganate pressureless, incl. flow block module	C1				
AAD9643	Sensor measuring module DEPOLOX®5 for measuring of free chlorine, chlorine dioxide, ozone resp. potassium permanganate pressurized, incl. flow block module	C1				
AAD9616	Sensor measuring module pH	C1				
AAD9625	Sensor measuring module Conductivity, 60 mS (swimming pool water)	C1				
AAD9628	Sensor measuring module Conductivity, 600 µS (potable water)	C1				
AAD9622	Sensor measuring module Fluoride	H1				
AAD9598	Sensor measuring module FC1- for Free chlorine and organic chlorine compounds	C1				
AAD9604	Sensor measuring module CD7 - for Chlorine dioxide	C1				
AAD9610	Sensor measuring module OZ7 - for Ozone	C1				
AAD9613	Input signal card 0/4-20 mA and/or 0-10 V	C1				

5 W&T Analysers / Controllers 5.15.20 SFC

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	Flow-through assemblies -----					
AAD4165	Flow block module VariaSens, pressureless type	C3				
AAD4360	Flow block module VariaSens, pressure type	C3				
UXB-93743	Flow-through assembly PVC/FPM, DN 15, pressure type version, for pH- and Redox probes	H1				
AAB9445	Flow-through assembly for conductivity measuring cell pressurized	C2				
U-94845	Flow-through assembly PVC/FPM, DN 15, for fluoride probe	C2				
AAD8131	Mounting rail Length = 175 mm for 1 electronic module SFC	H1				
AAD8128	Mounting rail Length = 375 mm for 1 electronic module SFC and 1 flow block module	H1				
AAD8125	Mounting rail Length = 575 mm for 2 electronic modules SFC and 1 flow block module	H1				
AAD8572	SD Memory card 128MB - 2GB	H1				
BAE1120	Instruction manual SFC, German	NT				
BAE1121	Instruction manual SFC, English	NT				
BAE1122	Instruction manual SFC, French	NT				
BAE1140	Instruction manual SFC SC, German	NT				
BAE1142	Instruction manual SFC SC, English	NT				
BAE1145	Instruction manual SFC SC, French	NT				

5 W&T Analysers / Controllers

5.20.25 Buffer pump

5 W&T Analysers / Controllers 5.20.25 Buffer pump

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC7471	<p>Peristaltic metering pump series Chem-Ad® VPP-E Self-priming, microprocessor controlled peristaltic metering pump with revolution control, for wall mounting, complete with accessories for liquid buffer dosing, including: - capacity kit 150 with Pharmed feeding hose and PVDF tube retainer connections for tubing 4 x 1 mm capacity: 8 - 150 ml/h colour marking: blue - flow control unit for visual indication of dosing function - check valve for measuring cell DEPOLOX 4 - 4 m hose soft PVC, transparent, 4 x 1 mm operating pressure max. 8 bar/20° C - volt-free control input resp. analog signal 4 - 20 mA - tank-empty input signal - volt-free relais contact as alarm signal output - rapide suction button - On / Off button suction height: max. 2 m back pressure: max. 1.5 bar duty cycle: 100 % power supply: 230V AC power consumption: 15 VA max. enclosure: IP 65 incl. connection cable 2 m with Euro plug, instruction manual, trilingual G/E/F</p>	H1				
AAC4360	<p>Suction pipe with strainer, check valve and tank-empty switch with 5 m connection cable with wire-end sleeves housing: PVC/PVDF gaskets: Viton B ball: glass connections: PE hose 4x1, 6x1 and PVC hose 6x3 mm length: 475 mm</p>	H1				
AAC4363	<p>Suction pipe ditto, but length: 725 mm</p>	H1				
U-90658	<p>Potassium iodide flagon à 50 g for the measurement of total chlorine only with Depolox 4</p>	C2				
U-11867	<p>Buffer concentrate pH 4, 5 liters for unsteady pH-value</p> <p>***** * Following chemicals are available on request: * * low conductivity < 300 µS * * water hardness higher resp. lower than 50 mg/l * *****</p>	H1				

5 W&T Analysers / Controllers

5.25.10 Depolox Basic

For continuous measurement of free or total chlorine, electronics module for wall mounting, comprising:

- measuring input for chlorine sensor
- ranges: 1.0/2.0/5.0/10.0/20.0 mg/l
- analog output 4...20 mA
- 7 segments digital display

Dimensions: W 275 x H 160 x D 99 mm
incl. instruction manual IM-50.565AAUA



5 W&T Analysers / Controllers 5.25.10 Depolox Basic

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB7990	Depolox Basic power supply 230 V	C2				
AAB7993	Depolox Basic power supply 115 V	C2				
AAB5383	Measuring cell type Depolox 3plus for continuous measurement of free chlorine in water, for constant pH-value at 4 - 8.0, with: - potentiostatic 3-electrode measuring cell - sample water flow: 33 l/h - inlet sample water pressure min. 0.15 max. 4 bar - pressureless, for wall mounting Sample water connection: G 1/2 male resp. 1/4" female NPT Scope of supply: - measuring cell Depolox 3plus - KCl electrolyte - quartz grit - 1.5 m cable	C1				
AAB5909	Total chlorine kit for continuous measurement of total chlorine in water, with: - potentiostatic 3-electrode measuring cell - sample water flow: 6...35 l/h - inlet sample water pressure min. 0.15 max. 4 bar - pressureless, for wall mounting Sample water connection: G 1/2 male resp. 1/4" female NPT Scope of supply: - flow block assembly - total chlorine sensor TC1 - 2 m cable	C1				
IM.050.565DD	Instruction manual Depolox Basic, German	NT				
IM-50.565AAUA	Instruction manual Depolox Basic, English	NT				
IM.050.565DF	Instruction manual Depolox Basic, French	NT				
U-95687	Shut-off valve Material: PVC / EPDM Inlet: for PVC hose 6x3 mm Outlet: union nut G 1/2	C1				
AAC4237	Strainer for installation upstream of the sample flow monitor	C1				
AAA7000	Flow switch with sample exhaust Materials: PVC/PVDF/FPM Inlet conn.: R 1/2" male thread Outlet conn.: R 1/2" female thread Imax: 0,5 A, Umax: 100 Vac, Pmax: 10 W/AC, NC ***** * Only for the connection to * * a Process controller PCU-fuzzy * * (digital input DE1)! * *****	C1				

5 W&T Analysers / Controllers

5.30.25 Measuring system for turbidity TMS

for continuous measurement of the turbidity in drinking water, with cleaning of the ultrasonic cuvettes and monitoring of the operating water
Turbidity sensor: TMS 561

Process: 90° scattered light
Range: 0 - 100 NTU
Response time: 5 - 500 sec. adjustable
Temperature: up to 50°C
Pressure: 1 - 4 bar (g)
Back pressure: 1 - 3 bar (g)
Capacity: 0,5 - 1 l/min



5 W&T Analysers / Controllers 5.30.25 Measuring system for turbidity TMS

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC5741	Turbidity measuring unit Process: white light 550 nm Power supply: 100 - 240 VAC	H1				
AAD2317	Turbidity measuring unit Process: white light 550 nm Power supply: 24 VDC	H1				
AAC5744	Turbidity measuring unit Process: red light 860 nm Power supply: 100 - 240 VAC	H1				
AAD2320	Turbidity measuring unit Process: red light 860 nm Power supply: 24 VDC	H1				
AAD2323	Accessory pack for turbidity measuring unit TMS561, consisting of: - connections for PVC hose 6x3 mm - fixing material - instruction manual German/English	H1				
AAC1526	Primetime calibration kit for Turbidity measuring unit TMS561, 0.02 NTU, 10 NTU & 100 NTU	H1				
AAC5789	Ultrasonic cuvette for turbidity measuring unit TMS561	H1				
AAC1922	Flow regulator for turbidity measuring system TMS561, for installation under pressurized operation	H1				
IM.050.610DD	Instruction manual TMS561, German	NT				
IM.050.610DE	Instruction manual TMS561, English	NT				
IM.050.610DF	Instruction manual TMS561, French	NT				

5 W&T Analysers / Controllers

5.30.30 Reference measuring systems

5 W&T Analysers / Controllers 5.30.30 Reference measuring systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB1477	<p>Photometer P15 plus</p> <p>Micro-processor controlled LED filter photometer. A ready-to-use unit cpl. with all necessary accessories incl. reagent tablets with a 5 years shelf-life guarantee, for the determination of chlorine, pH-value, total alkalinity, ozone, chlorine dioxide, bromine and cyanuric acid. All contained within a practical and light-weight carrying case.</p> <p>For detailed technical information see publication TI 50.304DE</p>	H1				
IM.050.307DD	<p>Instruction manual</p> <p>P15 plus, trilingual</p>	NT				
AAC9193	<p>Photometer P42 i-cal</p> <p>Multiparameter Photometer system with Infrared calibration function. Comprising of:</p> <ul style="list-style-type: none"> -1 photometer P42 i-cal -1 carrying case -3 sample tubes with cap -1 plastic beaker, 100 ml -1 cleaning brush -1 stirring rod -1 syringe, plastic, 5 ml -7 NiCd-battery pack (AA/Mignon) -1 mains charger 100-240 V, 50-60 Hz -1 connecting cable RS232 -1 instruction manual <p>complete with reagent tablets for 100 tests of Chlorine/Chlorine dioxide, pH, Cyanuric acid, Total Alkalinity and Total hardness</p>	H1				
IM.050.308DD	<p>Instruction manual</p> <p>Photometer P42 i-cal, German</p>	NT				
IM.050.308DE	<p>Instruction manual</p> <p>Photometer P42 i-cal, English</p>	NT				
U-96587	<p>Lovibond MINIKIT</p> <p>Analysis: alkalinity, total Range: 20 - 800 mg/l CaCO₃ 1 - 40° dH</p> <p>for averaged 50 analysis of the acid capacity resp. of the carbonate hardness in water</p>	H1				
AAC7867	<p>ClO₂ Test kit</p> <p>Range: 0.02 - 0.55 mg/l ClO₂ 300 analysis</p>	H1				
AAC9583	<p>Lovibond MINIKIT</p> <p>Analysis: Total hardness Range: 0.3- 30° dH for averaged 40 analysis</p>	H1				

5 W&T Analysers / Controllers

5.30.50 Reagent Tablets

5 W&T Analysers / Controllers 5.30.50 Reagent Tablets

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
EXA-100508	Reagent tablets ALKA-M-PHOTOMETER, Pack of 100	H1				
EXB-100508	Reagent tablets ALKA-M-PHOTOMETER, Pack of 250	H1				
EXA-100424	Reagent tablets Aluminium No. 1, pack of 100	H1				
EXB-100424	Reagent tablets Aluminium No. 1, pack of 250	H1				
EXA-100425	Reagent tablets Aluminium No. 2, pack of 100	H1				
EXB-100425	Reagent tablets Aluminium No. 2, pack of 250	H1				
AAC9217	VARIO Powder Pack VARIO Aluminium ECR, Pack of 100	H1				
AAC9220	VARIO Powder Pack VARIO Alu. Hexamine, Pack of 100	H1				
AAC9226	VARIO Aluminium Reagent Set for approx. 100 tests, consisting of: VARIO Aluminium ECR, Pack of 100 VARIO Alu. Hexamine, Pack of 100 Vario Aluminium Masking RGT, 25 ml	H1				
AAC9229	Reagent tablets Ammonia No. 1, Pack of 100	H1				
AAC9232	Reagent tablets Ammonia No. 2, Pack of 100	H1				
EXA-100426	Reagent tablets DPD No. 1, pack of 100	H1				
EXC-100426	Reagent tablets DPD No. 1, pack of 500	H1				
EXA-100427	Reagent tablets DPD No. 3, pack of 100	H1				
EXC-100427	Reagent tablets DPD No. 3, pack of 500	H1				
AAC9310	Reagent tablets DPD No. 1 High Calcium, Pack of 100	H1				
AAC9235	Reagent solution DPD 1 Buffer solution, 15 ml (blue)	H1				
AAC9238	Reagent solution DPD 1 Reagent solution, 15 ml (green)	H1				
AAC9241	Reagent solution DPD 1 solution, 15 ml (red)	H1				
AAC9244	DPD Reagent solution set consisting of: - DPD 1 Buffer solution, 15 ml - DPD 1 Reagent solution, 15 ml - DPD 3 Solution, 15 ml	H1				
AAD2935	Reagent solution DPD 1 Buffer solution refill bottle, 100 ml	H1				

5 W&T Analysers / Controllers 5.30.50 Reagent Tablets

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD2938	Reagent solution DPD 1 Reagent solution refill bottle, 100 ml	H1				
AAD2941	Reagent solution DPD 3 Reagent solution refill bottle, 100 ml	H1				
AAC9247	VARIO Powder Pack VARIO Chlorine FREE-DPD/F10, 100 pcs	H1				
AAC9250	VARIO Powder Pack VARIO Chlorine TOTAL-DPD/F10, 100 pcs	H1				
AAC9268	Reagent tablets DPD Glycine, pack of 100	H1				
EXB-100431	Reagent tablets DPD Glycine, pack of 250	H1				
EXA-100486	Reagent tablets Cyanuric acid, Pack of 100	H1				
AAC9271	Reagent tablets Iron (LR), pack of 100	H1				
AAC9274	Reagent tablets Iron II (LR), pack of 100	H1				
AAC9277	Reagent solution Urea reagent 1, 15 ml	H1				
AAC9280	Reagent solution Urea reagent 2, 10 ml	H1				
AAC9283	Reagent tablets Calchek, pack of 100	H1				
AAC9286	Reagent tablets Hardchek P, pack of 100	H1				
AAC9295	Reagent tablets Biguanide PHMB Photometer, 100 pcs	H1				
EXA-100437	Reagent tablets Phenol red/Photometer, pack of 100	H1				
EXC-100437	Reagent tablets Phenol red/Photometer, pack of 500	H1				
AAC9298	Reagent solution Phenol red solution, 15 ml (white)	H1				
AAD2944	Reagent solution Phenol red solution refill bottle, 100 ml	H1				
EXA-100428	Reagent tablets DPD No. 4, pack of 100	H1				
EXC-100428	Reagent tablets DPD No. 4, pack of 500	H1				
AAC9301	VARIO Powder Pack VARIO Sulpha 4 F10, pack of 100	H1				
AAC9304	Reagent tablets Hydrogenperoxide LR, pack of 100	H1				
AAC9289	Reagent tablets Copper No. 1, pack of 100	H1				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
5.30.50 2/3

Wallace & Tiernan GmbH

5 W&T Analysers / Controllers 5.30.50 Reagent Tablets

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC9292	Reagent tablets Copper No. 2, pack of 100	H1				
EXA-100434	Reagent tablets OZONE, pack of 100	H1				
EXB-100429	Reagent tablets DPD Acid, pack of 250	H1				
EXB-100430	Reagent tablets DPD Neutral, pack of 250	H1				
AAD3637	VARIO Powder Pack VARIO Cu 1 F10, pack of 100	H1				
AAD3640	Reagent tablets PHOSPHATE LR No. 1, pack of 100	H1				
AAD3643	Reagent tablets PHOSPHATE LR No. 2, pack of 100	H1				
AAD3646	Reagent tablets SULFATE T, pack of 100	H1				

5 W&T Analysers / Controllers

5.40.10 Sample Water Arrangements

5 W&T Analysers / Controllers 5.40.10 Sample Water Arrangements

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXC-93340	Sample water withdrawal for a pressure of 0.15 - 4 bar, for normal water for customer provided 1/2" female socket	C2				
UXE-93340	Sample water withdrawal for a pressure of 0.1 - 1 bar, for normal water for customer provided 1/2" female socket	C2				
U-96081	Sample water withdrawal for a pressure of 0.1 - 4 bar g for thermal or brine water for customer provided 1/2" female socket	C2				
UXD-93340	Sample water withdrawal with sample tube, filter, pressure gauge and pressure reducing valve for a pressure of 4 - 16 bar for customer provided 1/2" female socket	C2				
U-92553	Sample water withdrawal ditto, but for a pressure of 16 - 40 bar	C2				
AAC2602	Sample water connection for withdrawel resp. returning, suitable for connection to a customer provided female socket R 1/2", including ball valve and connector parts for PVC-hose 6 x 3 mm	C2				
AAC2605	Sample water connection ditto, but for PVC hose 6x1 mm	C2				
AAC2608	Sample water connection ditto, but for PVC hose 4x1 mm	C2				
AAC2611	Sample water connection ditto, but for PE hose 6x2 mm	C2				
AAC1099	Sample water pump series 1260 designed as horizontal centrifugal pump made of Terluran (ABS), cpl. with 1.7 m cable and Euro plug, 20 m PVC hose 6x3 mm for short sample water lines, brine resistant up to 3.5 % power supply: 65 W, 230 V, 50 Hz enclosure: IP 67 max. capacity: 2.3 m ³ /h max. suction height 3.7 m WS, connections: G1/2 male thread incl. instruction manual	H1				
AAC4237	Strainer for installation upstream of the sample flow monitor	C1				
AAC1027	Strainer PVC/EPDM, G1/2 for installation into the sample water	C1				
AAC1030	Pressure gauge arrangement for direct installation on the sample water pump or the strainer for sea water	C2				

5 W&T Analysers / Controllers 5.40.10 Sample Water Arrangements

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC1036	Pressure gauge arrangement ditto, but for potable/pool water	C2				
AAC1096	Sample water withdrawal with sample tube, for customer provided socket R 1/2" connection: G 1/2 A	C2				
AAC1039	Sample water withdrawal with sample tube, for customer provided socket R 1" connection G 1/2 A	C2				
UXA-92119	Hose connectors PVC/FPM, 1/2", PVC hose 6x3 mm	C2				
AAC1033	Sample water pump series M1, designed as horizontal centrifugal pump, made of PP, with strainer and built on single-phase A.C. motor, for sample water lines up to 100 m PVC DN 20 self priming brine resistant up to 3.5 %, Power supply: 230 V, 50 Hz Rating: 350 W Enclosure: IP 54 max. capacity: 5.5 m ³ /h max. suction height: 10 m W.C. connection: PVC pipe DN 25 incl. instruction manual	H1				
UXA-95629	Wall mounting bracket for sample water pumps JP5 and M1 with fixing material for wall mounting	C2				
AAC1069	Sample water withdrawal for potable/pool water	C2				
AAC1072	Sample water withdrawal for brine/seawater	C2				
U-95161	Sample water pump series JP 5, designed as horizontal centrifugal pump, made of stainless steel, self priming, built on single-phase A.C. motor with ON/OFF switch and 1.5 m cable with EURO plug, for sample water lines more than 100 m PVC DN 15 power supply: 230 V, 50 Hz rating: 775 W enclosure: IP 44 max. capacity: 3.4 m ³ /h max. head: 43 m w.c. connection: G 1" male	H1				
BA-85040-D	Instruction manual sample water pump JP5, German	NT				
BA-85040-E	Instruction manual sample water pump JP5, English	NT				
BA-85040-F	Instruction manual sample water pump JP5, French	NT				
UXA-95629	Wall mounting bracket for sample water pumps JP5 and M1 with fixing material for wall mounting	C2				

5 W&T Analysers / Controllers 5.40.10 Sample Water Arrangements

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXA-95678	Sample water arrangement for potable/pool water suitable for sample water pump series JP5, for sample take off from an open bassin	C2				
UXB-95678	Sample water withdrawal for potable/pool water suitable for sample water pump series JP5, for sample take off from pipes and for customer provided socket R 1"	C2				
AAD5227	Pool wall passage made of stainless stell, for for wall thickness 200 - 300 mm cpl. with suction strainer and gaskets sample water connection R 3/4"	C2				
AAD5230	Pool wall passage dto, but for wall thickness of 300 - 400 mm	C2				
AAD5233	Pool wall passage dto, but for wall thickness of 400 - 500 mm	C2				
AAD5236	Pool wall passage dto, but for wall thickness of 500 - 600 mm	C2				
AAD5239	Pool wall passage dto, but for wall thickness of 600 - 700 mm	C2				
N.4005.A	Sample water supply line made as PVC hose 6 x 12 mm incl. fixing material	C2				
12 1	1 meter					+
12 2	2 meters					+
12 5	5 meters					+
12 6	6 meters					+
12 10	10 meters					+
12 15	15 meters					+
12 20	20 meters					+
12 25	25 meters					+
12 30	30 meters					+
12 40	40 meters					+
12 50	50 meters					+
12 60	60 meters					+
12 75	75 meters					+
12 100	100 meters					+
N.4006.A	Sample Water supply line designed as PVC pipe, DN 10, PN 16 incl. fittings and brackets	C2				
N.4006.B	Sample water discharge line, made as PVC pipe, DN 15, PN 16 incl. fittings and brackets	C2				
N.4006.C	PVC Retention tank for increasing the reaction time, suitable for installation into the sample water line between sample water arrangement and DEPOLOX 4, connection for PVC pipe DN 10 resp. PVC hose 6x12 mm	C2				
02 VC	capacity: 2.5 l					
02 VD	capacity: 5 l					
02 VE	capacity: 10 l					

5 W&T Analysers / Controllers 5.40.10 Sample Water Arrangements

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD3460	<p>Micro strainer</p> <p>with feed back wash facility for water up to 40°C, casing made of brass, plastic filter cartridge, filter screen made of stainless steel, cpl. with pressure gauge 0-16 bar g and full automatic back wash arrangement, cycle adjustable between 4 minutes and 3 months by means of DIP switch, back wash time approx. 25 seconds. Operating pressure: min. 1.5 bar max. 16 bar</p> <p>Filter mesh: 105/135 µm Connection: R 1/2" Power supply: 230 V, 50/60 Hz, 10 W</p>	H1				
AAC9160	<p>Lifting system</p> <p>type: TOPLIFT, consisting of:</p> <ul style="list-style-type: none"> - tank with pre-installed pipe connections - submersible pump TOP 17 WS 0.3 kW / 230 V / IP 68 / 10 m cable with float switch - check valve 	H1				

5 W&T Analysers / Controllers

5.40.30 Measured Value Recording by Printer

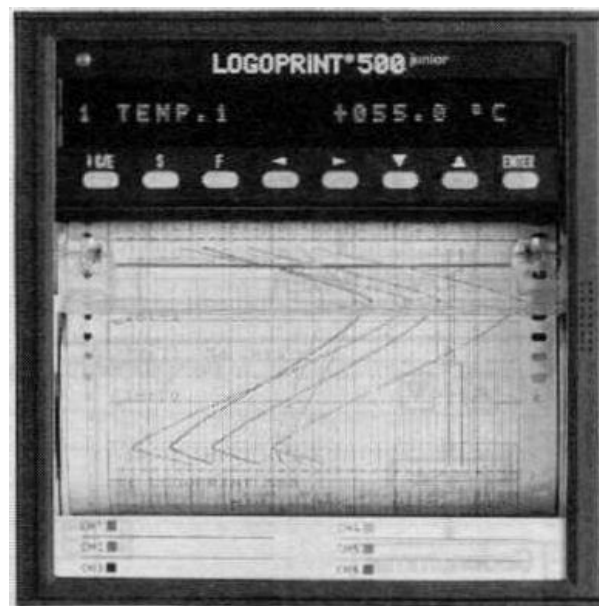
5 W&T Analysers / Controllers 5.40.30 Measured Value Recording by Printer

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	***** * FOR MFC and DEPOLOX POOL * *****					
AAC5995	9 pin Dot Matrix Printer Tally T2024/9, with preset parameterized RS232C interface for easy and quick start-up tractor preset for 12 inch continuation paper Power supply 230 V, 50 Hz	H1				
AAC5887	Printer cable 3m Printer Tally T2024/9	C2				
AAC5914	Printer cable 15m Printer Tally T2024/9	C2				
P-96253	Endless paper carton with 2000 pages, DIN A4	H1				
	***** * Für PCS plus * *****					
N.4007.B	Matrix printer type LQ590 24 needle type with factory programmed interface for easy and quick start-up, tractor preset for 12 inch continuation paper, cpl. with 3 m standard screened cable with 25 pole plug on one side, incl. 1 introduction book in German language, size DIN A4	H1				
09 RS	with integral RS 422 Interface the connection of PCS or GMS					
09 TY	with integral TTY Interface for the connection of a MF485 card					

5 W&T Analysers / Controllers

5.40.40 Measured Value Recording by Dotted Line Recorder

Type LOGOPRINT 500 junior
with fanfold paper feed
Enclosure: IP 54
lines 1+4 0.00...1.00 mg/l Cl₂
lines 2+5 4.00...9.00 pH
lines 3+6 400...900 mV
output signal: 0/4...20 mA
power supply: 110...240 V/AC
set-up configuration factory installed
incl. instruction manual in German



5 W&T Analysers / Controllers 5.40.40 Measured Value Recording by Dotted Line Recorder

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXA-96715	Dotted line recorder Panel mounting housing 144x144 mm front dimensions	H1				
UXB-96715	Dotted line recorder Wall mounting housing W 200 x H 300 x D 370 mm	H1				
BA-85045-D	Instruction manual Dotted line recorder, German	NT				
BA-85045-E	Instruction manual Dotted line recorder, English	NT				
BA-85045-F	Instruction manual Dotted line recorder, French	NT				

5 W&T Analysers / Controllers

5.60.10 ChemWeb-Server

For the easy connection of W&T measurement and control systems to Web-Technology for visualisation, data logging, remote parameterisation and notification via e-mail with the following features:

- interfaces:

- * 10BaseT Ethernet (RJ45 connection)
- * RS485 for access to W&T bus system (can be switched over to RS232C)
- * RS232C for local access (Null-modem-mode) or diagnosis (Telnet)

- supported protocols:

- * HTTP Hyper-Text-Transmission-Protocol for the transmission of internet pages
- * FTP File-Transfer-Protocol for access to CompactFlash card
- * Telnet Terminal-Program-Protocol for further server diagnosis
- * SMTP Simple-Mail-Transfer-Protocol for the transmission of e-mails

Data storage is made by applicable CompactFlash card



5 W&T Analysers / Controllers 5.60.10 ChemWeb-Server

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC5557	ChemWeb-Server Integral model module: Serial modem	C2				
AAC5560	ChemWeb-Server dto., but integral modem module: Analog modem (33.6 K/56 K)	C2				
AAC5563	ChemWeb-Server dto., but Integral modem module: ISDN-MODEM	C2				
AAC5566	ChemWeb-Server dto., but Integral modem module: GSM Global mobile communication	C2				
AAD2299	CompactFlash card progr. 2048 MB, with Firmware V:2.00 to operate a ChemWeb-Server	C2				
IM.040.525DD	Instruction manual ChemWeb-Server, German	NT				
IM.040.525DE	Instruction manual ChemWeb-Server, English	NT				
IM.040.525DF	Instruction manual ChemWeb-Server, French	NT				
AAA9931	Power supply for sub-distribution (panel mounting on standard structural rails TS35) Input voltage: 120/230 V AC, 50 Hz Output voltage: 24 V DC / 1.3 A NOT suitable for GSM modem	H1				
AAD4141	Power supply unit SITOP Smart, 120/230VAC - 24 VDC, 5A	H1				
AAA9415	Socket power unit Input voltage: 100-240 V / 50-60 Hz Output voltage: 15 V / 0.8 A DC / 12 W Enclosure: IP 40 with 1.5 m connecting cable NOT suitable for GSM modem	H1				
EXA-100438	Data transmission cable as RS485 bus cable, for the connection of COM boards, MF485 boards, PDI's or GMS with CMS computer or MFD or ChemWeb-Server, Li2YCYCTP 2 x 0.22 mm ² , screened without fixing material maximum length 1200 m	H1				

5 W&T Analysers / Controllers

5.70.10 CMS 3.0

5 W&T Analysers / Controllers 5.70.10 CMS 3.0

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD2278	<p>CMS 3.0 License</p> <p>for visualisation and registration of WALLACE & TIERNAN measuring data as well as for the process control in potable and swimming pool water treatment, suitable for 300 process signals. Installation on a PC with Windows-XP system as single user licence</p> <p>Scope of supply: - software CMS 3.0 on CD - instruction manual trilingual (G/E/F)</p>	H2				
AAD2281	<p>CMS 3.0 License</p> <p>for visualisation and registration of WALLACE & TIERNAN measuring data as well as for the process control in potable and swimming pool water treatment, suitable for 500 process signals. Installation on a PC with Windows-XP system as single user licence</p> <p>Scope of supply: - software CMS 3.0 on CD - instruction manual trilingual (G/E/F)</p>	H2				
AAD2284	<p>CMS 3.0 License</p> <p>for visualisation and registration of WALLACE & TIERNAN measuring data as well as for the process control in potable and swimming pool water treatment, suitable for 1500 process signals. Installation on a PC with Windows-XP system as single user licence</p> <p>Scope of supply: - software CMS 3.0 on CD - instruction manual trilingual (G/E/F)</p> <p>for connecting the RS485 bus cable, the following hardware components are required:</p>	H2				
AAC5713	<p>Interface kit</p> <p>RS232/RS485, c/w Socket power unit 230V</p>	H1				
AAC5716	<p>Interface kit</p> <p>USB / RS485</p>	H1				
BAE1020	<p>Instruction Manual CMS3.0</p> <p>German/English</p>	NT				

5 W&T Analysers / Controllers

5.70.15 OPC software

5 W&T Analysers / Controllers 5.70.15 OPC software

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	<p>OPC Server for connection of the W&T measurement and control units with RS485 bus connection to OPC compatible SCADA systems</p> <p>Measurement and control units that can be connected via OPC: MFA, MFC, PCS plus, PCU, GMS, Depolox Pool Depolox</p> <p>Examples for OPC visualisation systems - WinCC of Siemens - INTOUCH of Wonderware - iFIX of Intellution The OPC compatibilities have to be clarified case by case!</p> <p>The OPC server software is available free of charge on www.wallace-tiernan.de</p> <p>For connection of the RS485 bus cable the following 2 components are required:</p>					
AAC5713	<p>Interface kit RS232/RS485, c/w Socket power unit 230V</p>	H1				
AAC5716	<p>Interface kit USB / RS485</p>	H1				

5 W&T Analysers / Controllers

5.80.10 Energy optimisation in pools

EWO Pool system for energy and water optimisation, which can be easily be integrated in any pool facility.

- * ECON Pool - saves energy thanks to load-dependent control of the pool circulating pumps
- * Barrier M - to reduce chloramines and save refill water
- * UFOX 10 - sludge water recycling, filter backwash water recovery for the pool circuit
- * Depolox Pool - to optimise control and regulation of the entire swimming pool water treatment process



5 W&T Analysers / Controllers 5.80.10 Energy optimisation in pools

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
	For load-dependent control of one resp. two pool circulating pumps with 3-phase motor AC 400V					
ETSL-KG00050	ECON Pool control 1 pool circulating pump with 3-phase motor up to max. 2.2 kW	C3				
ETSL-KG00039	ECON Pool control 1 pool circulating pump with 3-phase motor up to max. 5.5 kW	C3				
ETSL-KG00041	ECON Pool control 1 pool circulating pump with 3-phase motor up to max. 7.5 kW	C3				
ETSL-KG00043	ECON Pool control 1 pool circulating pump with 3-phase motor up to max. 11 kW	C3				
ETSL-KG00045	ECON Pool control 1 pool circulating pump with 3-phase motor up to max. 15 kW	C3				
ETSL-KG00052	ECON Pool control 1 pool circulating pump with 3-phase motor up to max. 18.5 kW	C3				
ETSL-KG00051	ECON Pool control 2 pool circulating pumps with 3-phase motor up to max. 2.2 kW	C3				
ETSL-KG00073	ECON Pool control 2 pool circulating pumps with 3-phase motor up to max. 4 kW	C3				
ETSL-KG00040	ECON Pool control 2 pool circulating pumps with 3-phase motor up to max. 5.5 kW	C3				
ETSL-KG00042	ECON Pool control 2 pool circulating pumps with 3-phase motor up to max. 7.5 kW	C3				
ETSL-KG00044	ECON Pool control 2 pool circulating pumps with 3-phase motor up to max. 11 kW	C3				
ETSL-KG00046	ECON Pool control 2 pool circulating pumps with 3-phase motor up to max. 15 kW	C3				
ETSL-KG00053	ECON Pool control 2 pool circulating pumps with 3-phase motor up to max. 18.5 kW	C3				
IM.040.610DD	Instruction manual ECON Pool, German	NT				

5 W&T Analysers / Controllers 5.80.10 Energy optimisation in pools

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
EXA-100460	Inv. cable 4x1,5+2x1 mm ² up to max. 5.5 kW	H1				
EXB-100460	Inv. cable 4x2,5+2x1 mm ² up to max. 7.5 kW	H1				
EXD-100460	Inv. cable 4x6+2x1 mm ² up to max. 11 kW	H1				
EXE-100460	Inv. cable 4x10+2x1 mm ² up to max. 15 / 18.5 kW ***** * cable length: max. 50 m * *****	H1				

6 Accessories

6.10.10	Gas Leak Detection Systems
6.20.10	Safety Accessories for Chlorination Rooms
6.20.20	Safety Accessories
6.30.10	Protective Cabinets for Chlorination Systems
6.40.10	Accessories: Liquid Metering Systems
6.50.10	Accessories for Injector Operating Water Supply Line
6.60.10	Booster Pumps, series CR
6.60.20	Booster Pumps, series CRT
6.60.30	Booster Pumps, series CHI
6.60.40	Accessories for Booster Pumps
6.70.10	Water Meters
6.70.20	Back flow preventer
6.80.10	Marking Arrows
6.90.10	Pipe Saddles
6.90.20	PVC Valves and Fittings
6.90.30	PVC Pipes
6.90.35	Waste Pipes
6.90.40	Hoses
6.90.50	Electric Cables

6 Accessories

6.10.10 Gas Leak Detection Systems

6 Accessories 6.10.10 Gas Leak Detection Systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD5650	<p>Gas monitoring system GMS plus Two channel measuring system for gas temperature monitoring up to two rooms, for measuring chlorine gas, chlorine dioxide and ozone and including integrated integrated sensor monitoring Power supply: 200-240 V, 50-60 Hz</p> <p>NOTE: Connection of a battery back-up unit NOT possible</p>	C1				
AAD5653	<p>Gas monitoring system ditto, but power supply 100-120 V AC, 50-60 Hz</p>	C1				
AAD5656	<p>Gas monitoring system ditto, but - 2 additional digital inputs for battery back-up unit - power supply: 24 V DC</p>	C1				
AAD6727	<p>Sensor-Kit GMS plus for chlorine or chlorine dioxide gas measuring ranges 0-5 or 0-20 ppm, mainly consisting of: - detection sensor with electrolyte filling - 2 m sensor cable - junction box - fixing material - ambient temperature 5-50 °C</p>	C1				
AAD6730	<p>Sensor-Kit GMS plus for OZONE gas, measuring range 0-1 ppm, mainly consisting of: - detection sensor with electrolyte filling - 2 m sensor cable - junction box - fixing material - ambient temperature 5-50 °C</p>	C1				
AAD5707	<p>Sensor-Kit GMS plus for temperature monitoring including: - sensor Pt 1000 incl. 720 mm connection cable - junction box - fixing material - ambient temperature 5-50 °C</p>	C1				
AAD5620	<p>Battery back-up unit with processor controlled battery charging function for keeping the unit in operation in the case of a power failure. Unit installed in a plastic housing for wall mounting (IP 65), including connecting cable Power supply: In 98-265VAC / Out 24V/3Ah</p> <p>NOTE: Suitable ONLY for 24V version!</p>	C2				
AAD5578	<p>Sensor cable, 10m for Cl2, ClO2 and O3</p>	H1				
EXA-100065	<p>Screened cable 2 x 0.75 mm², LIYCY, without fixing material for extending the sensor cable (Cl2, ClO2, O3)</p>	H1				
EXA-100438	<p>Data transmission cable 2x2 x 0,22mm², 2YCY, w/o fixing material for extending the Pt1000 cable</p>	H1				

6 Accessories 6.10.10 Gas Leak Detection Systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BAE1010	Instruction manual GMS plus, German	NT				
BAE1012	Instruction manual GMS plus, English	NT				
BAE1064	Instruction manual GMS plus, French	NT				
BAE1021	Instruction manual RS485 for GMS plus, German	NT				
BAE1022	Instruction manual RS485 for GMS plus, English	NT				
BAE1113	Instruction manual RS485 for GMS plus, French	NT				
BAE1011	Instruction manual Battery supply for GMS plus, German	NT				
BAE1013	Instruction manual Battery supply for GMS plus, English	NT				
BAE1108	Instruction manual Battery supply for GMS plus, French	NT				
U-96771	CO2 leak detector for wall mounting, for connection of max. 4 CO2-sensors Power supply: 220 V, 50 Hz	H1				
UXA-96772	CO2 sensor Range: 0...5 Vol % CO2 Alarm Levels: 1.5 and 3 Vol % CO2 (max. cable length 50 m)	H1				
UXB-96772	CO2 sensor Range: 0...5 Vol % CO2 Alarm Levels: 0.5 and 1 Vol % CO2 (max. cable length 300 m)	H1				
EXB-100065	Screened Cable 3 x 0,75 mm ² , LIYCY, without fixing mat.	H1				
VA-58912.005	Instruction manual for gas leak detector CO2, German	NT				
UXA-94731	Chlorine gas generator for the calibration and functional check of the chlorine leak detector GMS adjustable chlorine chlorine gas concentrations: 0.5 / 1 / 3 / 5 ppm, complete with 250 ml electrolyte sol. sufficient for approx. 80 checks. Complete unit arranged in a portable plastic housing	C2				
BA-40060-D	Instruction manual Chlorine gas generator, German	NT				
BA-40060-E	Instruction manual Chlorine gas generator, English	NT				
BA-40060-F	Instruction manual Chlorine gas generator, French	NT				

6 Accessories 6.10.10 Gas Leak Detection Systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
U-95888	Ozone gas generator Power supply: 230 V, 50/60 Hz for the calibration and functional check of W&T ozone gas leak detectors, adjustable ozone gas concentration: 0.4 ppm Complete unit arranged in a portable plastic housing	C2				
BA-40061-D	Instruction manual Ozone gas generator, German	NT				
BA-40061-E	Instruction manual Ozone gas generator, English	NT				
BA-40061-F	Instruction manual Ozone gas generator, French	NT				
N.1251.A.230	Alarm klaxon for acoustical warning, suitable for wall mounting outdoors Capacity: 108 dB (A) Enclosure: IP 55 Operation: 100 % ED Power supply: 230 V AC	H1				
U-92982	Alarm klaxon ditto, but Power supply: 24 V DC	H1				
N.1251.B.230R	Alarm flashing light complete with wall bracket for optical alarm, with rugged grey plastic housing for indoor or outdoor installation Temperature range: -20...+50 C Enclosure: IP 65 Power supply: 230 V, 15 W Operation: 100 % ED max. 15 W Flashing frequency: approx. 1 Hz Dimensions (HxD): 138.5 mm x 100 mm Colour of callote: red Rated current: 70 mA	H1				
N.1251.B.230G	Alarm flashing light ditto, but Power supply 230 V Colour of callote: yellow	H1				
N.1251.B.24R	Alarm flashing light ditto, but Power supply 24 V Colour of callote: red	H1				
N.1251.B.24G	Alarm flashing light ditto, but Power supply 24 V Colour of callote: yellow	H1				
U-96339	Flashing light klaxon for optical and acoustical warning for wall mounting, Ambient temperature: -20...+50 °C Flashing frequency: approx. 1 Hz Colour of callote: red Capacity: 92 dB (A) Operation: 100 % ED Enclosure: IP 33 Rated current: 30 mA Power supply: 230 V AC	H1				
AAB2824	Flashing light klaxon ditto, but Power supply: 24 V DC	H1				

6 Accessories 6.10.10 Gas Leak Detection Systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
EXA-100065	Screened cable 2 x 0.75 mm ² , LIYCY, without fixing material	H1				

6 Accessories

6.20.10 Safety Accessories for Chlorination Rooms

6 Accessories 6.20.10 Safety Accessories for Chlorination Rooms

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.008.A	Set of warning plates for a chlorine gas room	H1				
02 PB	in German language		+			
02 PC	in English language		+			
02 PD	in Arabic language		+			
AAD2767	Warning plate made of aluminium, "Gas cylinders"	H1				
L-90272	Prohibitive label made of aluminium, "No admittance"	H1				
AAD3154	Set of warning plates for a chlorine gas room, in German language	H1				
AAD2779	Prohibiting sign adhesive film, "No admittance"	H1				
AAD2770	Warning sign Adhesive film, "Gas cylinders"	H1				
N.008.B	Set of warning plates for chlorine dioxide systems operating to the chlorine/sodium chlorite process	H1				
02 PI	in German language		+			
02 PJ	in English language		+			
N.008.C	Set of warning plates for chlorine dioxide systems operating to the HCL-NaClO ₂ process	H1				
02 PP	in German language		+			
02 PQ	in English language		+			
N.008.D	Warning plate "Do not use containers or equipment alternately - DANGER "	H1				
AAC9256	Set of warning plates NaClO feed system, 3,5%, German	H1				
AAC9259	Set of warning plates NaClO feed system, 3,5%, English	H1				
AAC9262	Set of warning plates NaClO feed system, >10%, German	H1				
AAC9265	Set of warning plates NaClO feed system, >10%, English	H1				
N.008.F	Set of operating for US Army chlorination systems only, consisting of: 1 x German 1 x English 1 x frame for wall mounting	H1				
AAC4444	Water Sprinkler System for manual operation, incl. PVC pipe DN 25 and 2 sprinkler nozzles	C2				
AAC4447	Water Sprinkler System for automatic operation, incl. PVC pipe DN 25, solenoid valve with by-pass consisting of 2 brass isolating valves and 2 sprinkler nozzles	C2				
AAC4450	Conversion Kit for water sprinkler system from manual to automatic operation, in function of the alarm contacts of a leak detector, consisting of a solenoid valve with 2 manual by-pass valves made of brass	C2				

6 Accessories 6.20.10 Safety Accessories for Chlorination Rooms

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
U-93030	Sprinkler nozzle made of PVDF, male thread R 1/2", 120°, water consumption: 25 l/min. at 3 bar supply pressure	H1				
AAC8380	Neutralisation system for sprinkler water contaminated with dissolved chlorine gas, consisting of: - 1 injector for the aspiration of the neutralising agent Capacity: 400 l/h Operating water press.: 4 bar (g) Operating water quant.: ca. 1800 l/h - 1 PE tank 200 l for the neutralising agent - 1 PVC ball valve DN 25 incl. tee for filling of the PE tank with water - 2 carboys neutralising agent, 25 kg each	C2				
BA-80080-D	Instruction manual Neutralisation system, German	NT				
BA-80080-E	Instruction manual Neutralisation system, English	NT				
U-94949	Isolating valve R 1", with extended spindle for wall passage	C2				
U-95906	Door contact switch with the following optional functions: 1. temporary stopping of an automatic sprinkler system when the door is opened 2. direct control of an exhaust fan by means of a motor contactor (ordering code N.003.D)	C2				
N.008.N	Timer for sprinkler system for adjusting the time of delay of the sprinkler start after an alarm has been released. Housed in a wall mounting box	C2				
U-93386	Protective cover for sprinkler valve lockable, for wall mounting Wall cut-out: W 238 x H 364 x D 75 mm Front frame: W 282 x H 408 mm	C2				
U-96638	Protective cover for sprinkler valve, for wall mounting, with lateral cylinder lock and hammer Dimensions: W 232 x H 212 x D 137 mm	C2				
N.003.A	Electric room heater spiral-type made of stainless steel V2A, spiral diameter 116 mm, power supply 230 V, 50 Hz, enclosure IP 65, without switch	H1				
04 UW	capacity: 1000 Watt					+
04 UX	capacity: 2000 Watt					+
U-93985	Thermoswitch with display	H1				

6 Accessories 6.20.10 Safety Accessories for Chlorination Rooms

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.003.C	High-capacity exhaust fan for the forced ventilation of chlorination rooms, fan suitable for wall mounting, complete with corrosion protection and automatic shutter	H1				
04 KB	capacity: 500 m ³ /h					+
04 KC	capacity: 1150 m ³ /h					+
04 KG	capacity: 1900 m ³ /h					+
04 KH	capacity: 2800 m ³ /h					+
04 KJ	capacity: 4350 m ³ /h					+
04 KK	capacity: 5700 m ³ /h					+
06 KB	power supply: 230 V AC					
06 KC	power supply: 230/400 V, 3ph					
N.003.D	Selector switch switch positions: - off - automatic operation - continuous operation for wall mounting, enclosure IP 55	H1				
06 BB	for AC fan					+
06 BC	for 3-phase fan					+
09 BB	capacity: 500 m ³ /h					
09 BC	capacity: 1150 m ³ /h					
09 BD	capacity: 1900 m ³ /h					
09 BE	capacity: 2800 m ³ /h					
09 BF	capacity: 4350 m ³ /h					
09 BG	capacity: 5700 m ³ /h					
AAD3367	Flow switch IFM SI1006, 3-300 cm/s, 85-265 VAC	H1				
AAD3415	Mounting adapter M18 x 1,5, G1/2, 1.4404	H1				
AAD3418	Mounting adapter M18 x 1,5, PVC	H1				
AAD3331	Mounting adaptor 1/2", 5-core, 5 m cable	H1				
U-96800	Control unit to avoid access chlorination in case of failure/stop of circulation or lack of sample water, plastic housing for wall mounting Dimensions: W 135 x H 170 x D 112 mm Enclosure: IP 55 Power supply: 230 V, 50 Hz	C2				
UXC-95683	Emergency kit for the valve side of 50 kg cylinders	H1				
UXB-95683	Emergency kit for the valve side of 65 kg cylinders	H1				
UXE-95683	Emergency kit for a 50 kg chlorine cylinder with leakage in the shell.	H1				
UXD-95683	Emergency kit for a 65 kg chlorine cylinder with leakage in the shell.	H1				
UXA-95683	Emergency repair kit for sealing leaks in the ton container shell	H1				

6 Accessories

6.20.20 Safety Accessories

6 Accessories 6.20.20 Safety Accessories

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
U-93241	Chlorine gas mask with carrying strap and filter cartridge type 900 St B 2-P 2 to DIN 2181 (equivalent B-ST-3b)	H1				
PXA-93507	Spare filter cartridge AUER Type 88 b/St to DIN 3181 CHLORINE, for gas mask,	H1				
N.008.T	Compressed air respirator complete with two compressed air cylinders and chlorine gas mask	H1				
U-96072	Spare compressed air cylinder capacity: 6 l available air supply: approx. 1800 l sufficient for approx. 35-45 minutes operation weight: 13.8 kg	H1				
N.008.S	Protective Clothing comprising: - goggles - apron	H1				
01 38	rubber boots size 38					
01 39	rubber boots size 39					
01 40	rubber boots size 40					
01 41	rubber boots size 41					
01 42	rubber boots size 42					
01 43	rubber boots size 43					
01 44	rubber boots size 44					
01 45	rubber boots size 45					
01 46	rubber boots size 46					
02 7	gloves size 7					
02 8	gloves size 8					
02 9	gloves size 9					
02 10	gloves size 10					
AAE2281	Face shield Head holder with ratchet head harness	H1				
U-96218	Steel cabinet arranged in a sheet steel cabinet for floor mounting, incorporating the following safety equipment: 1 self-contained breathing apparatus 2 compressed air cylinders 1 protective suit (resistant against liquid and gaseous chlorine) 1 safety belt with 20 m rescue cord 1 eye rinsing bottle 1 key box with glass window Dimensions: W 800 x H 2000 x D 400 mm	NT				

6 Accessories

6.30.10 Protective Cabinets for Chlorination Systems

6 Accessories 6.30.10 Protective Cabinets for Chlorination Systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.008.Y	FRP Cabinet (1350) for the installation of a chlorine gas supply system, complete with double door and the following basic components installed: - electric room heater with thermostat - oval lamp with switch and plug - vent openings, labyrinth-type - sprinkler system, cpl. with nozzle and manual shut-off valve Dimensions: W 1350 x H 2140 x D 700 mm	NT				
N.008.Z	FRP Cabinet (2000) for the installation of a chlorine gas supply system, complete with double door and the following basic components installed: - electric room heater with thermostat - oval lamp with switch and plug - vent openings, labyrinth-type - sprinkler system, cpl. with nozzle and manual shut-off valve Dimensions: W 2150 x H 2140 x D 700 mm *** NOTE *** The above prices are absolute net prices! For quotations the installation of the chlorination components must be calculated as additional cost! Extra charge for accessories like ramp made of checked aluminium sheet steel, transport lugs and fixing material for floor mounting! Customer must provide a corresponding foundation with drain hole including odor seal! Please advise if FRP cabinet is intended to be placed with back close to a wall (=> cabinet to be supplied with suitable roof design)	NT				

6 Accessories

6.40.10 Accessories: Liquid Metering Systems

6 Accessories 6.40.10 Accessories: Liquid Metering Systems

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.1018.A	Set of accessories complete with manual balloon pump, 10 l plastic bucket, 1 l graduated cup, 1 tin of sodium hypochlorite	H1				
U-92239	Sodium Tripolyphosphate 1 kg bottle	H1				
U-92238	Manual transfer pump complete with piping and plug	H1				
N.1018.G	Electric transfer pump type B2 power supply 230 V, 50 Hz, 380 W capacity up to 100 l/min. head up to 17 m w.c.	H1				
U-96082	Electric transfer pump type B2 power supply 230 V, 50 Hz, 395 W capacity up to 100 l/min. head up to 17 m w.c.	H1				
N.008.G	Set of warning plates for a hydrochloric acid feed system	H1				
N.308.A	Set of warning plates for a sulfuric acid feed system	H1				
N.308.B	Set of warning plates for a caustic soda feed system	H1				
N.008.D	Warning plate "Do not use containers or equipment alternately - DANGER "	H1				
AAC9256	Set of warning plates NaClO feed system, 3,5%, German	H1				
AAC9259	Set of warning plates NaClO feed system, 3,5%, English	H1				
AAC9262	Set of warning plates NaClO feed system, >10%, German	H1				
AAC9265	Set of warning plates NaClO feed system, >10%, English	H1				
N.008.S	Protective Clothing comprising: - goggles - apron	H1				
01 38	rubber boots size 38					
01 39	rubber boots size 39					
01 40	rubber boots size 40					
01 41	rubber boots size 41					
01 42	rubber boots size 42					
01 43	rubber boots size 43					
01 44	rubber boots size 44					
01 45	rubber boots size 45					
01 46	rubber boots size 46					
02 7	gloves size 7					
02 8	gloves size 8					
02 9	gloves size 9					
02 10	gloves size 10					

6 Accessories

6.50.10 Accessories for Injector Operating Water Supply Line

6 Accessories 6.50.10 Accessories for Injector Operating Water Supply Line

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD1501	Operating water tap for connection to socket R 1/2" with ball valve PVC-U/EPDM, DN 15, PN 16	C2				
AAD1504	Operating water tap for connection to socket R 3/4" with ball valve PVC-U/EPDM, DN 20, PN 16	C2				
AAD1507	Operating water tap for connection to socket R 1" with ball valve PVC-U/EPDM, DN 25, PN 16	C2				
AAD1510	Operating water tap for connection to socket R 1-1/4" with ball valve PVC-U/EPDM, DN 32, PN 16	C2				
AAD1513	Operating water tap for connection to socket R 1-1/2" with ball valve PVC-U/EPDM, DN 40, PN 16	C2				
AAD1540	Operating water tap for connection to socket R 2" with ball valve PVC-U/EPDM, DN 50, PN 16	C2				
N.004.B	Operating water accessor. for mounting into the operating water line, consisting of: - 1 ball valve made of brass - 1 pressure reducing valve with built-in strainer and gauge - 1 solenoid valve n.c. power supply 230 V, 50 Hz, IP 65 - 1 PVC check valve incl. W & T - standard accessories and fixing material	C2				
02 FK	with nominal diameter R 1/2"					+
02 FL	with nominal diameter R 3/4"					+
02 FM	with nominal diameter R 1"					+
02 FN	with nominal diameter R 1 1/4"					+
02 FO	with nominal diameter R 1 1/2"					+
02 FP	with nominal diameter R 2"					+
07 FK	PN 10, adjustable pressure 1.5 - 6 bar					
07 FL	PN 16, adjustable pressure 1.5 - 12 bar					+
N.004.B.24	Operating water accessor. for mounting into the operating water line, consisting of: - 1 ball valve made of brass - 1 pressure reducing valve with built-in strainer and gauge - 1 solenoid valve n.c. power supply 24 V, 50 Hz, IP 65 - 1 PVC check valve incl. standard accessories and fixing material	C2				
02 FK	with nominal diameter R 1/2"					+
02 FL	with nominal diameter R 3/4"					+
02 FM	with nominal diameter R 1"					+
02 FN	with nominal diameter R 1 1/4"					+
02 FO	with nominal diameter R 1 1/2"					+
02 FP	with nominal diameter R 2"					+
07 FK	PN 10, adjustable pressure 1.5 - 6 bar					
07 FL	PN 16, adjustable pressure 1.5 - 12 bar					+

6 Accessories 6.50.10 Accessories for Injector Operating Water Supply Line

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.004.A	Operating water accessor. for mounting into the operating water line, consisting of: - 1 ball valve made of brass - 1 pressure reducing valve with built-in strainer and gauge incl. W & T - standard accessories and fixing material	C2				
02 FB	with nominal diameter R 1/2"					+
02 FC	with nominal diameter R 3/4"					+
02 FD	with nominal diameter R 1"					+
02 FE	with nominal diameter R 1 1/4"					+
02 FF	with nominal diameter R 1 1/2"					+
02 FG	with nominal diameter R 2"					+
07 FB	PN 16, adjustable pressure 1.5 - 6 bar					
07 FC	PN 25, adjustable pressure 1.5 - 12 bar					+
AAD2617	Operating water accessor. DN 15, made of PVC, suitable for thermal water, consisting of: - 1 ball valve - 1 solenoid valve 230 V, n.c. - 1 pressure reducing valve with strainer and gauge 0-6 bar - 1 check valve	C2				
AAD2620	Operating water accessor. ditto, but DN 20	C2				
AAD2623	Operating water accessor. ditto, but DN 25	C2				
AAD2626	Operating water accessor. ditto, but DN 32	C2				
N.004.C	Solenoid valve incl. PVC unions, to be installed into the operating water line, power supply: 230 V, 50 Hz, IP 65, normally closed 24 VA starting current 14 VA holding current	C2				
02 IQ	nominal size R 1/2"					+
02 IR	nominal size R 3/4"					+
02 IS	nominal size R 1"					+
02 IT	nominal size R 1 1/4"					+
02 IU	nominal size R 1 1/2"					+
02 IV	nominal size R 2"					+
02 IW	nominal size R 2 1/2"					+
07 IQ	operating pressure: 0.2 - 16 bar g					
07 IR	operating pressure: 1 - 25 bar g					+

6 Accessories 6.50.10 Accessories for Injector Operating Water Supply Line

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.004.C.24	Solenoid valve incl. PVC unions, to be installed into the operating water line, pressure range: 0.2 - 16 bar g power supply: 24 V DC, IP 65, normally closed 24 VA starting current 14 VA holding current	C2				
02 IQ	nominal size R 1/2"					+
02 IR	nominal size R 3/4"					+
02 IS	nominal size R 1"					+
02 IT	nominal size R 1 1/4"					+
02 IU	nominal size R 1 1/2"					+
02 IV	nominal size R 2"					+
02 IW	nominal size R 2 1/2"					+
07 IQ	operating pressure: 0.2 - 16 bar g					
UXA-93528	Solenoid valve 2/2 way, PVC/FPM, normally closed, 230 V, 50 Hz, IP 65 plain sockets DN 15, operating pressure 0.5 - 6 bar	H1				
UXB-93528	Solenoid valve ditto, but DN 20	H1				
UXC-93528	Solenoid valve ditto, but DN 25	H1				
UXE-93528	Solenoid valve ditto, but DN 40	H1				
UXF-93528	Solenoid valve ditto, but DN 50	H1				
AAC5668	Flowmeter Range: 3 - 24 l/h H2O Tube: PVC-U Float: PVDF with magnet Gaskets: EPDM Connection: Solvent cement sockets DN 10 Pressure rating: PN 10	H1				
AAC5671	Flowmeter ditto, but Range: 5 - 60 l/h H2O Connection: Solvent cement sockets DN10 Length: 165 mm	H1				
AAC5674	Flowmeter ditto, but Range: 10 - 100 l/h H2O Connection: solvent cement sockets DN10 Length: 165 mm	H1				
AAC5677	Flowmeter ditto, but Range: 25 - 250 l/h H2O Connection: solvent cement sockets DN10 Length: 165 mm	H1				
AAC5680	Flowmeter ditto, but Range: 5 - 50 l/h H2O Connection: solvent cement sockets DN15 Length: 170 mm	H1				

6 Accessories 6.50.10 Accessories for Injector Operating Water Supply Line

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC5683	Flowmeter ditto, but Range: 15 - 150 l/h H2O Connection: solvent cement sockets DN15 Length: 170 mm	H1				
AAC5686	Flowmeter ditto, but Range: 25 - 250 l/h H2O Connection: solvent cement sockets DN15 Length: 170 mm	H1				
AAC5689	Flowmeter ditto, but Range: 40 - 400 l/h H2O Connection: solvent cement sockets DN15 Length: 170 mm	H1				
AAC7678	Flowmeter ditto, but Range: 25 - 250 l/h H2O Connection: solvent cement sockets DN25 Length: 200 mm	H1				
AAC5710	Flowmeter ditto, but Range: 100 - 1000 l/h H2O Connection: solvent cement sockets DN25 Length: 200 mm	H1				
AAD2587	Flowmeter ditto, but Range: 150 - 1500 l/h H2O Connection: solvent cement sockets DN25 Length: 200 mm	H1				
AAD5770	Flowmeter ditto, but Range: 60 - 600 l/h H2O Connection: solvent cement sockets DN25 Length: 335 mm	H1				
AAD2521	Flowmeter ditto, but Range: 200 - 2000 l/h H2O Connection: solvent cement sockets DN40 Length: 335 mm	H1				
AAD5773	Flowmeter ditto, but Range: 300 - 3000 l/h H2O Connection: solvent cement sockets DN40 Length: 335 mm	H1				
AAD5776	Flowmeter ditto, but Range: 600 - 6000 l/h H2O Connection: solvent cement sockets DN50 Length: 335 mm	H1				
AAD5779	Flowmeter ditto, but Range: 1000 - 10000 l/h H2O Connection: solvent cement sockets DN50 Length: 335 mm	H1				
AAD5782	Flowmeter ditto, but Range: 2500 - 25000 l/h H2O Connection: solvent cement sockets DN65 Length: 335 mm	H1				

6 Accessories 6.50.10 Accessories for Injector Operating Water Supply Line

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD5785	Flowmeter ditto, but Range: 10000 - 50000 l/h H2O Connection: solvent cement sockets DN65 Length: 335 mm	H1				
AAC5692	Limit contact Supply voltage: max. 470 VAC Contact rating: max. 10W / 10VA Protection: IP 65 Contact type: MIN (closed) Code letter: B with 5 m Connecting cable	H1				
N.004.G	Flowmeter for solution float-type, with transparent PVC tube, complete with PVC union connections, suitable for chlorine, hypochlorous acid and chlorine dioxide solutions ranges: up to 50 l/h with ceramic float ranges: 100 l/h and bigger with titanium float	C2				
04 GB	range: 3 - 35 l/h, DN 15					+
04 GC	range: 5 - 50 l/h, DN 15					+
04 GD	range: 10 - 100 l/h, DN 15					+
04 GE	range: 15 - 150 l/h, DN 15					+
04 GF	range: 25 - 250 l/h, DN 15					+
04 GG	range: 40 - 400 l/h, DN 15					+
04 GH	range: 63 - 630 l/h, DN 15					+
04 GI	range: 100 - 1000 l/h, DN 25					+
04 GJ	range: 200 - 2000 l/h, DN 25					+
04 GK	range: 250 - 2500 l/h, DN 50					+
N.3101.C	Control unit for setting the desired feed rate, consisting of: - 1 PVC adjusting valve - 1 PVC-U ball valve incl. union connections	C2				
05 15	size DN 15, PN 10					+
05 20	size DN 20, PN 10					+
05 25	size DN 25, PN 10					+
05 32	size DN 32, PN 10					+
06 EP	gaskets made of EPDM					
06 FP	gaskets made of FPM					+
<p>***** * EPDM gaskets are suitable for water * * and operating water for injectors * * FPM gaskets are suitable for chlorine * * and chlorine dioxide solutions and * * hypochlorous acid * *****</p>						

6 Accessories

6.60.10 Booster Pumps, series CR

6 Accessories 6.60.10 Booster Pumps, series CR

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC3037	Booster pump Type CR 1-2, 0.37 kW Speed: 2900 rpm Enclosure: IP 55 Power supply: 3 x 220-240V/380-415V, 50Hz Connection: oval flange Rp1", PN 16 from type 1-2 to 1-23 Connection: DIN flange DN25/DN32 PN 25 form type 1-25 to 1-36	H1				
AAC3040	Booster pump type CR 1-3 0.37 kW	H1				
AAC3043	Booster pump type CR 1-4 0.37 kW	H1				
AAC3046	Booster pump type CR 1-5 0.37 kW	H1				
AAC3049	Booster pump type CR 1-6 0.37 kW	H1				
AAC3052	Booster pump type CR 1-7 0.37 kW	H1				
AAC3055	Booster pump type CR 1-8 0.55 kW	H1				
AAC3058	Booster pump type CR 1-9 0.55 kW	H1				
AAC3061	Booster pump type CR 1-10 0.55 kW	H1				
AAC3064	Booster pump type CR 1-11 0.55 kW	H1				
AAC3067	Booster pump type CR 1-12 0.75 kW	H1				
AAC3070	Booster pump type CR 1-13 0.75 kW	H1				
AAC3073	Booster pump type CR 1-15 0.75 kW	H1				
AAC3076	Booster pump type CR 1-17 1.1 kW	H1				
AAC3079	Booster pump type CR 1-19 1.1 kW	H1				
AAC3082	Booster pump type CR 1-21 1.1 kW	H1				
AAC3085	Booster pump type CR 1-23 1.1 kW	H1				
AAC3088	Booster pump type CR 1-25 1.5 kW	H1				
AAC3091	Booster pump type CR 1-27 1.5 kW	H1				
AAC3094	Booster pump type CR 1-30 1.5 kW	H1				
AAC3097	Booster pump type CR 1-33 2.2 kW	H1				

6 Accessories 6.60.10 Booster Pumps, series CR

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC3100	Booster pump type CR 1-36 2.2 kW	H1				
AAC3103	Booster pump Type CR 3-2, 0.37 kW Speed: 2900 rpm Enclosure: IP 55 Power supply: 3 x 220-240 V / 380-415 V, 50 Hz Connection: oval flange Rp1", PN 16 from type 3-2 to 3-23 Connection: DIN flange DN25/DN32 PN 25 form type 3-25 to 3-36	H1				
AAC3106	Booster pump type CR 3-3 0.37 kW	H1				
AAC3109	Booster pump type CR 3-4 0.37 kW	H1				
AAC3112	Booster pump type CR 3-5 0.37 kW	H1				
AAC3115	Booster pump type CR 3-6 0.55 kW	H1				
AAC3118	Booster pump type CR 3-7 0.55 kW	H1				
AAC3121	Booster pump type CR 3-8 0.75 kW	H1				
AAC3124	Booster pump type CR 3-9 0.75 kW	H1				
AAC3127	Booster pump type CR 3-10 0.75 kW	H1				
AAC3130	Booster pump type CR 3-11 1.1 kW	H1				
AAC3133	Booster pump type CR 3-12 1.1 kW	H1				
AAC3136	Booster pump type CR 3-13 1.1 kW	H1				
AAC3139	Booster pump type CR 3-15 1.1 kW	H1				
AAC3142	Booster pump type CR 3-17 1.5 kW	H1				
AAC3145	Booster pump type CR 3-19 1.5 kW	H1				
AAC3148	Booster pump type CR 3-21 2.2 kW	H1				
AAC3151	Booster pump type CR 3-23 2.2 kW	H1				
AAC3154	Booster pump type CR 3-25 2.2 kW	H1				
AAC3157	Booster pump type CR 3-27 2.2 kW	H1				
AAC3160	Booster pump type CR 3-29 2.2 kW	H1				

6 Accessories 6.60.10 Booster Pumps, series CR

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC3163	Booster pump type CR 3-31 3.0 kW	H1				
AAC3166	Booster pump type CR 3-33 3.0 kW	H1				
AAC3169	Booster pump type CR 3-36 3.0 kW	H1				
AAC3172	Booster pump Type CR 5-2, 0.37 kW Speed: 2900 rpm Enclosure: IP 55 Power supply: 3 x 220-240 V / 380-415 V, 50 Hz Connection: oval flange Rp 1 1/4", PN 16 from type 5-2 to 5-20 Connection: DIN flange DN25/DN32 PN 25 form type 5-22 to 5-36	H1				
AAC3175	Booster pump type CR 5-3 0.55 kW	H1				
AAC3178	Booster pump type CR 5-4 0.55 kW	H1				
AAC3181	Booster pump type CR 5-5 0.75 kW	H1				
AAC3184	Booster pump type CR 5-6 1.1 kW	H1				
AAC3187	Booster pump type CR 5-7 1.1 kW	H1				
AAC3190	Booster pump type CR 5-8 1.1 kW	H1				
AAC3193	Booster pump type CR 5-9 1.5 kW	H1				
AAC3196	Booster pump type CR 5-10 1.5 kW	H1				
AAC3199	Booster pump type CR 5-11 2.2 kW	H1				
AAC3202	Booster pump type CR 5-12 2.2 kW	H1				
AAC3205	Booster pump type CR 5-13 2.2 kW	H1				
AAC3208	Booster pump type CR 5-14 2.2 kW	H1				
AAC3211	Booster pump type CR 5-15 2.2 kW	H1				
AAC3214	Booster pump type CR 5-16 2.2 kW	H1				
AAC3217	Booster pump type CR 5-18 3.3 kW	H1				
AAC3220	Booster pump type CR 5-20 3.0 kW	H1				
AAC3223	Booster pump type CR 5-22 4.0 kW	H1				

6 Accessories 6.60.10 Booster Pumps, series CR

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC3226	Booster pump type CR 5-24 4.0 kW	H1				
AAC3229	Booster pump type CR 5-26 4.0 kW	H1				
AAC3232	Booster pump type CR 5-29 4.0 kW	H1				
AAC3235	Booster pump type CR 5-32 5.5 kW	H1				
AAC3238	Booster pump type CR 5-36 5.0 kW	H1				
AAD1123	Booster pump Type CR 10-1, 0.37 kW Speed: 2900 rpm Enclosure: IP 55 Power supply: 3 x 220-240 V / 380-415 V, 50 Hz Connection: oval flange Rp 1 1/2", PN 16 from type 10-1 to 10-16 Connection: DIN flange DN40 PN 25 from type 10-18 to 10-22	H1				
AAD1126	Booster pump type CR 10-2, 0.75 kW	H1				
AAD1129	Booster pump type CR 10-3, 1.1 kW	H1				
AAD1132	Booster pump type CR 10-4, 1.5 kW	H1				
AAD1135	Booster pump type CR 10-5, 2.2 kW	H1				
AAD1138	Booster pump type CR 10-6, 2.2 kW	H1				
AAD1141	Booster pump type CR 10-7, 3.0 kW	H1				
AAD1144	Booster pump type CR 10-8, 3.0 kW	H1				
AAD1147	Booster pump type CR 10-9, 3.0 kW	H1				
AAD1150	Booster pump type CR 10-10, 4.0 kW	H1				
AAD1153	Booster pump type CR 10-12, 4.0 kW	H1				
AAD1156	Booster pump type CR 10-14, 5.5 kW	H1				
AAD1159	Booster pump type CR 10-16, 5.5 kW	H1				
AAD1162	Booster pump type CR 10-18, 7.5 kW	H1				
AAD1165	Booster pump type CR 10-20, 7.5 kW	H1				
AAD1168	Booster pump type CR 10-22, 7.5 kW	H1				

6 Accessories 6.60.10 Booster Pumps, series CR

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD1171	Booster pump Type CR 15-1, 1.1 kW Speed: 2900 rpm Enclosure: IP 55 Power supply: 3 x 220-240 V / 380-415 V, 50 Hz Connection: oval flange Rp 2", PN 16 from type 15-1 to 15-6 Connection: DIN flange DN 65 PN 25 from type 15-7 to 15-17	H1				
AAD1174	Booster pump type CR 15-2, 2.2 kW	H1				
AAD1177	Booster pump type CR 15-3, 3.0 kW	H1				
AAD1180	Booster pump type CR 15-4, 4.0 kW	H1				
AAD1183	Booster pump type CR 15-5, 4.0 kW	H1				
AAD1186	Booster pump type CR 15-6, 5.5 kW	H1				
AAD1189	Booster pump type CR 15-7, 5.5 kW	H1				
AAD1192	Booster pump type CR 15-8, 7.5 kW	H1				
AAD1195	Booster pump type CR 15-9, 7.5 kW	H1				
AAD1198	Booster pump type CR 15-10, 11.0 kW	H1				
AAD1201	Booster pump type CR 15-12, 11.0 kW	H1				
AAD1204	Booster pump type CR 15-14, 11.0 kW	H1				
AAD1207	Booster pump type CR 15-17, 15.0 kW	H1				

6 Accessories 6.60.10 Booster Pumps, series CR

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD1588	Booster pump Type CR 20-1, 1.1 kW Speed: 2900 rpm Enclosure: IP 55 Power supply: 3 x 220-240 V / 380-415 V, 50 Hz Connection: oval flange Rp 2", PN 10 from type 20-1 to 20-7 Connection: DIN flange DN 65 PN 16 from type 20-8 to 20-10 PN 25 from type 20-12 to 20-17	H1				
AAD1591	Booster pump type CR 20-2, 2.2 kW	H1				
AAD1594	Booster pump type CR 20-3, 4.0 kW	H1				
AAD1597	Booster pump type CR 20-4, 5.5 kW	H1				
AAD1600	Booster pump type CR 20-5, 5.5 kW	H1				
AAD1603	Booster pump type CR 20-6, 7.5 kW	H1				
AAD1606	Booster pump type CR 20-7, 7.5 kW	H1				
AAD1609	Booster pump type CR 20-8, 11.0 kW	H1				
AAD1612	Booster pump type CR 20-10, 11.0 kW	H1				
AAD1615	Booster pump type CR 20-12, 15.0 kW	H1				
AAD1618	Booster pump type CR 20-14, 15.0 kW	H1				
AAD1621	Booster pump type CR 20-17, 15.0 kW	H1				

6 Accessories 6.60.10 Booster Pumps, series CR

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB4468	Booster pump for pure, not aggressive liquids Type CR 32-1-1, 1.5 kW Speed: 2900 rpm Enclosure: IP 55 Power supply: 380-415 V, 3-ph., 50 Hz Connection: DIN flange DN 65, PN 16 from type 32-1-1 to 32-7 DIN flange DN 65, PN 25 from type 32-8-2 to 32-12 DIN flange DN 65, PN 40 from type 32-13-2 to 32-14	H1				
AAB4471	Booster pump type CR 32-1 2.2 kW	H1				
AAB4474	Booster pump type CR 32-2-2 3.0 kW	H1				
AAB4477	Booster pump type CR 32-2 4.0 kW	H1				
AAB4480	Booster pump type CR 32-3-2 5.5 kW	H1				
AAB4483	Booster pump type CR 32-3 5.5 kW	H1				
AAB4486	Booster pump type CR 32-4-2 7.5 kW	H1				
AAB4489	Booster pump type CR 32-4 7.5 kW	H1				
AAB4492	Booster pump type CR 32-5-2 11.0 kW	H1				
AAB4495	Booster pump type CR 32-5 11.0 kW	H1				
AAB4498	Booster pump type CR 32-6-2 11.0 kW	H1				
AAB4501	Booster pump type CR 32-6 11.0 kW	H1				

6 Accessories

6.60.20 Booster Pumps, series CRT

6 Accessories 6.60.20 Booster Pumps, series CRT

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXA-96837	Booster pump Type CRT 2-20 0.37 kW Speed: 2900 rpm Enclosure: IP 55 All wetted parts are made of Titan Power supply: 3 x 380-415 V, 50 Hz Connection: PJE coupling	H1				
UXB-96837	Booster pump type CRT 2-30 0.37 kW	H1				
UXC-96837	Booster pump type CRT 2-40 0.55 kW	H1				
UXD-96837	Booster pump type CRT 2-50 0.55 kW	H1				
UXE-96837	Booster pump type CRT 2-60 0.75 kW	H1				
UXF-96837	Booster pump type CRT 2-70 0.375 kW	H1				
UXG-96837	Booster pump type CRT 2-90 1.1 kW	H1				
UXH-96837	Booster pump type CRT 2-110 1.1 kW	H1				
UXI-96837	Booster pump type CRT 2-130 1.5 kW	H1				
UXJ-96837	Booster pump type CRT 2-150 1.5 kW	H1				
UXK-96837	Booster pump type CRT 2-180 2.2 kW	H1				
UXL-96837	Booster pump type CRT 2-220 2.2 kW	H1				
UXM-96837	Booster pump type CRT 2-260 3.0 kW	H1				
UXA-96838	Booster pump Type CRT 4-20/1 0.37 kW Speed: 2900 rpm Enclosure: IP 55 All wetted parts are made of Titan Power supply: 3 x 380-415 V, 50 Hz Connection: PJE coupling	H1				
UXB-96838	Booster pump type CRT 4-20 0.37 kW	H1				
UXC-96838	Booster pump type CRT 4-30 0.55 kW	H1				
UXD-96838	Booster pump type CRT 4-40 0.75 kW	H1				
UXE-96838	Booster pump type CRT 4-50 1.1 kW	H1				
UXF-96838	Booster pump type CRT 4-60 1.1 kW	H1				
UXG-96838	Booster pump type CRT 4-80/7 1.5 kW	H1				
UXH-96838	Booster pump type CRT 4-80 1.5 kW	H1				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
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6 Accessories 6.60.20 Booster Pumps, series CRT

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXI-96838	Booster pump type CRT 4-100 2.2 kW	H1				
UXJ-96838	Booster pump type CRT 4-120 2.2 kW	H1				
UXK-96838	Booster pump type CRT 4-160/14 3.0 kW	H1				
UXL-96838	Booster pump type CRT 4-16 3.0 kW	H1				
UXM-96838	Booster pump type CRT 4-190 4.0 kW	H1				
UXN-96838	Booster pump type CRT 4-220 4.0 kW	H1				
UXA-96839	Booster pump Type CRT 8-20/1 0.37 kW Speed: 2900 rpm Enclosure: IP 55 All wetted parts are made of Titan Power supply: 3 x 380-415 V, 50 Hz Connection: PJE coupling	H1				
UXB-96839	Booster pump type CRT 8-20/1 0.75 kW	H1				
UXC-96839	Booster pump type CRT 8-30 1.1 kW	H1				
UXD-96839	Booster pump type CRT 8-40 1.5 kW	H1				
UXE-96839	Booster pump type CRT 8-50 2.2 kW	H1				
UXF-96839	Booster pump type CRT 8-60 2.2 kW	H1				
UXG-96839	Booster pump type CRT 8-80 3.0 kW	H1				
UXH-96839	Booster pump type CRT 8-100 4.0 kW	H1				
UXI-96839	Booster pump type CRT 8-120 4.0 kW	H1				
UXJ-96839	Booster pump type CRT 8-140 5.5 kW	H1				
UXK-96839	Booster pump type CRT 8-160 5.5 kW	H1				
UXL-96839	Booster pump type CRT 8-180 7.5 kW	H1				
UXM-96839	Booster pump type CRT 8-200 11.0 kW	H1				
UXA-96840	Booster pump Type CRT 16-30/2 2.2 kW Speed: 2900 rpm Enclosure: IP 55 All wetted parts are made of Titan Power supply: 3 x 380-415 V, 50 Hz Connection: PJE coupling	H1				
UXB-96840	Booster pump type CRT 16-30 3.0 kW	H1				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
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6 Accessories 6.60.20 Booster Pumps, series CRT

Ordering Code	Specification		PG	Price EUR	per	UNIT	SDP
UXC-96840	Booster pump type CRT 16-40	4.0 kW	H1				
UXD-96840	Booster pump type CRT 16-50	5.5 kW	H1				
UXE-96840	Booster pump type CRT 16-60	5.5 kW	H1				
UXF-96840	Booster pump type CRT 16-70	7.5 kW	H1				
UXG-96840	Booster pump type CRT 16-80	7.5 kW	H1				
UXH-96840	Booster pump type CRT 16-100	11.0 kW	H1				
UXI-96840	Booster pump type CRT 16-120	11.0 kW	H1				
UXK-96840	Booster pump type CRT 16-140	15.0 kW	H1				
UXL-96840	Booster pump type CRT 16-17	18.5 kW	H1				

6 Accessories

6.60.30 Booster Pumps, series CHI

6 Accessories 6.60.30 Booster Pumps, series CHI

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXA-96746	Booster pump Type CHI 2-20, 0.245 kW Power supply: 3 x 220-240/380-415 V Connection suction side: axial Rp 1" Connection discharge side: radial Rp 1"	H1				
UXB-96746	Booster pump type CHI 2-30 0.350 kW	H1				
UXC-96746	Booster pump type CHI 2-40 0.450 kW	H1				
UXD-96746	Booster pump type CHI 2-50 0.565 kW	H1				
UXE-96746	Booster pump type CHI 2-60 0.655 kW	H1				
UXA-96747	Booster pump Type CHI 4-20, 0.40 kW Power supply: 3 x 220-240/380-415 V Connection suction side: axial Rp 1¼" Connection discharge side: radial Rp 1¼"	H1				
UXB-96747	Booster pump type CHI 4-30 0.56 kW	H1				
UXC-96747	Booster pump type CHI 4-40 0.74 kW	H1				
UXD-96747	Booster pump type CHI 4-50 0.94 kW	H1				
UXE-96747	Booster pump type CHI 4-60 1.08 kW	H1				
UXA-96748	Booster pump Type CHI 8-10, 0.485 kW Power supply: 3 x 220-240/380-415 V Connection suction side: axial Rp 1½" Connection discharge side: radial Rp 1½"	H1				
UXB-96748	Booster pump type CHI 8-15 0.780 kW	H1				
UXC-96748	Booster pump type CHI 8-20 1.040 kW	H1				
UXD-96748	Booster pump type CHI 8-25 1.340 kW	H1				
UXE-96748	Booster pump type CHI 8-30 1.600 kW	H1				

6 Accessories 6.60.30 Booster Pumps, series CHI

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXA-96761	Booster pump Type CHI 12-10, 0.830 kW Power supply: 3 x 220-240/380-415 V Connection suction side: axial Rp 1½" Connection discharge side: radial Rp 1½"	H1				
UXB-96761	Booster pump type CHI 12-15 1.200 kW	H1				
UXC-96761	Booster pump type CHI 12-20 1.760 kW	H1				
UXD-96761	Booster pump type CHI 12-25 2.270 kW	H1				
UXE-96761	Booster pump type CHI 12-30 2.665 kW	H1				

6 Accessories

6.60.40 Accessories for Booster Pumps

6 Accessories 6.60.40 Accessories for Booster Pumps

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
BA-85050-D	Instruction manual Booster pump CR 2/4, trilingual	NT				
BA-85051-D	Instruction manual Booster pumps CR1/3/5/8/16/20/32/64 German	NT				
BA-85055-D	Instruction manual Booster Pump CRT, trilingual	NT				
BA-85060-D	Instruction manual Booster Pump CHI, trilingual	NT				
	***** * Für Druckerhöhungspumpen CR 1-2 bis 1-23, * * CR 3-2 bis 3-23 und CHI 2/4/8/12 * *****					
AAB8119	Standard accessories for booster pumps with oval flange 1", PN 16, consisting of: - 2 union nipples, PVC, 1" DN 25 - 2 ball valves PVC/EPDM DN 25	H1				
UXA-96745	Standard accessories for booster pumps with oval flanges 1", PN 25, consisting of: - 2 ball valves 1" chromated brass - 2 PVC adaptor unions 1"	H1				
	***** * For booster pumps CR 1-25 to 1-36, * * CR 3-25 to 3-36 * *****					
AAB8128	Standard accessories for booster pumps with DIN flange DN 25, PN 16, consisting of: - 2 flanges, DN 25 - 2 double nipples, PVC-U, DN 25 - 2 ball valves PVC-U/EPDM, DN 25	H1				
UXA-96759	Standard accessories for booster pumps with DIN flange DN 25, PN 25, consisting of: - 2 counter flanges R 1" - 2 ball valves 1" chromated brass - 2 adaptor unions 1", DN 25	H1				
	***** * For booster pumps CR 5-2 to 5-22 * *****					
AAB8122	Standard accessories for booster pumps with oval flange G 1¼", PN 16, consisting of: - adaptor nipples - 2 ball valves DN 32 made of PVC	H1				
UXB-96745	Standard accessories for booster pumps with oval flange G 1¼", PN 25, consisting of: - 2 ball valves 1 ¼" chromated brass	H1				

6 Accessories 6.60.40 Accessories for Booster Pumps

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB8131	<p>***** * For booster pumps CR 5-24 to 5-36 * *****</p> <p>Standard accessories for booster pumps with DIN flange DN 32, PN 16, consisting of: - 2 flanges, DN 32 - 2 double nipples, PVC-U, DN 32 - 2 ball valves PVC-U/EPDM, DN 32</p>	H1				
UXB-96759	<p>Standard accessories for booster pumps with DIN flange DN 32, PN 25, consisting of: - 2 counter flanges DN 32 - 2 ball valves, chromated brass, 1 ¼" - 2 double nipples 1 ¼"/DN 32</p>	H1				
AAB8125	<p>***** * For booster pumps CR 10-1 to 10-16 * *****</p> <p>Standard accessories for booster pumps with oval flange 1½", PN 16, consisting of: - 2 adaptor nipples - 2 ball valves DN 40 made of PVC</p>	H1				
UXC-96745	<p>Standard accessories for booster pumps with oval flange 1½", PN 25, consisting of: - 2 ball valves 1 ½" made of brass - 2 PVC unions 1 ½" - DN 40</p>	H1				
AAB8134	<p>***** * For booster pumps CR 10-18 to 10-22 * *****</p> <p>Standard accessories for booster pumps with DIN flange DN 40, PN 16, consisting of: - 2 flanges, DN 40 - 1 double nipple, PVC-U, DN 40 - 2 ball valves PVC-U/EPDM, DN 40</p>	H1				
UXC-96759	<p>Standard accessories for booster pumps with DIN flange DN 40, PN 25, consisting of: - 2 counter flanges DN 40 - 2 ball valves, chromated brass, 1 ½" - 2 double nipples 1 ½"/DN 40</p>	H1				
AAD1759	<p>***** * For booster pump CR 15 and 20 * *****</p> <p>Standard accessories for booster pumps CR 15-1 to CR 15-7 and CR 20-1 to 20-7, PN 16 for oval flange 2", consisting of: - 2 PVC adaptor nipples, DN40/50 - 2 ball valves PVC-U/EPDM, DN 50 for oval flange 2", PN 16, consisting of: - 2 PVC adaptor nipples, DN40/50 - 2 ball valves PVC-U/EPDM, DN 50</p>	H1				

6 Accessories 6.60.40 Accessories for Booster Pumps

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB8137	<p>***** * For booster pumps CR 15-8 to 15-17 * * and CR 20-8 to CR 20-17 * *****</p> <p>Standard accessories</p> <p>for booster pump with DIN flange DN 50, PN 16, consisting of:</p> <ul style="list-style-type: none"> - 2 flanges, DN 50 - 1 double nipple, PVC-U, DN 50 - 2 ball valves PVC-U/EPDM, DN 50 	H1				
UXD-96759	<p>Standard accessories</p> <p>for booster pump with DIN flanges 2" PN 25, consisting of:</p> <ul style="list-style-type: none"> - 2 ball valves 2", chromated brass - 2 double nipples 2" - DN 50 - 2 counter flanges 2" 	H1				
AAB8380	<p>***** * For booster pumps CRT 2 and CRT 4 * *****</p> <p>Standard accessories</p> <p>for booster pumps with oval flange 1¼", PN 16, consisting of:</p> <ul style="list-style-type: none"> - 2 PJE couplings with threaded connection R 1¼" and EPDM gaskets - 2 PVC adaptor nipples, PVC, 1¼", DN 32 - 2 ball valves PVC/EPDM, DN 32 	H1				
AAB8383	<p>***** * For booster pumps CRT8 and CRT 16 * *****</p> <p>Standard accessories</p> <p>for booster pumps with DIN flange DN 50, PN 16, consisting of:</p> <ul style="list-style-type: none"> - 2 PJE couplings with threaded connection R 2" and EPDM gaskets - 2 PVC adaptor nipples, PVC, 2", DN 50 - 2 ball valves PVC/EPDM, DN 50 	H1				
AAD1762	<p>***** * for booster pumps CR 32-1-1 to CR 32-14 * *****</p> <p>Standard accessories</p> <p>for DIN flange DN 65, PN 16, comprising:</p> <ul style="list-style-type: none"> - 2 flanges, DN 65 - 1 adaptor nipples, PVC-U, DN 65 - 2 ball valves PVC-U/EPDM, DN 65 	H1				
AAD1765	<p>Standard accessories</p> <p>for DIN flange DN 100, PN 16, comprising:</p> <ul style="list-style-type: none"> - 2 flanges, DN 100 - 1 adaptor nipple, PVC-U, DN 100 - 2 ball valves PVC-U/EPDM, DN 100 	H1				
AAD1768	<p>***** * for booster pumps CR 32-1-1 to CR 32-14 * *****</p> <p>Standard accessories</p> <p>for DIN flange DN 100, PN 25, comprising:</p> <ul style="list-style-type: none"> - 2 flanges, DN 100 - 1 adaptor nipple, PVC-U, DN 100 - 2 ball valves PVC-U/EPDM, DN 100 	H1				

6 Accessories 6.60.40 Accessories for Booster Pumps

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXA-95815	Wall bracket for booster pumps CR and CRT	H1				
UXB-95815	Wall bracket for booster pumps CHI	H1				
AAC8107	Pressure gauge assembly PVC/Ms/KL-SIL, 0-10 bar, DN 25, PN 10	C2				
AAC7759	Motor protection switch with thermal overload protection, for control of a pump in accordance to a customer-provided contact, for manual and automatic switching, with selectro switch Off-Manual-Automatic mode Range: 0.13 - 0.25 A Enclosure: IP65	H1				
AAC7762	Motor protection switch ditto, but Range: 0.19 - 0.29 A	H1				
AAC7765	Motor protection switch ditto, but Range: 0.27 - 0.42 A	H1				
AAC7768	Motor protection switch ditto, but Range: 0.40 - 0.62 A	H1				
AAC7771	Motor protection switch ditto, but Range: 0.60 - 0.92 A for booster pump CHI 2-20	H1				
AAC7774	Motor protection switch ditto, but Range: 0.85 - 1.30 A For the following booster pumps: CR 1-2 to 1-7, CR 3-2 to 3-5 CR 5-2, CR 10-1 CRT 2-20 to 2-30 CRT 4-20/1 to 4-20, CRT 8-20/1 CHI 2-30, CHI 2-40 to CHI 4-20	H1				
AAC7777	Motor protection switch ditto, but Range: 1.20 - 1.90 A For the following booster pumps: CR 1-8 to 1-15, CR 3-6 to 3-10 CR 5-3 to 5-5, CR 10-2 CRT 2-40 to 2-70, CRT 4-30 to 4-40 CRT 8-20 CHI 2-50 to 2-60, CHI 4-30 to 4-40 CHI 8-10	H1				
AAC7780	Motor protection switch ditto, but Range: 1.80 - 2.80 A For the following booster pumps: CR 1-17, CR 1-19, CR 1-21, CR 1-23 CR 3-11 to 3-15, CR 5-6 to 5-8 CR 10-3 CRT 2-90, CRT 2-110, CRT 4-50 to 4-60 CRT 8-30 CHI 4-50 to 4-60, CHI 8-15, CHI 12-10	H1				

6 Accessories 6.60.40 Accessories for Booster Pumps

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC7783	Motor protection switch ditto, but Range: 2.70 - 4.20 A For the following booster pumps: CR 1-25, CR 1-27, CR 1-30 CR 3-17, CR 3-19, CR 5-9 to 5-10 CR 10-4, CR 32-1-1 CRT 2-130, CRT 2-150 CRT 4-80/7, CRT 4-80, CRT 8-40 CHI 8-20 to 8-30, CHI 12-15	H1				
AAC7786	Motor protection switch ditto, but Range: 4.00 - 6.20 A For the following booster pumps: CR 1-33, CR 1-36, CR 3-21 to 3-29 CR 5-11 to 5-16, CR 10-5 to 10-6 CR 15-2, CR 32-1 CRT 2-180, CR 2-220 CRT 4-100 to 120, CRT 8-50 to 8-60 CRT 16-30/2 CHI 12-20 to 12-30	H1				

6 Accessories

6.70.10 Water Meters

6 Accessories 6.70.10 Water Meters

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.004.H	Water meter,impeller type with magnetically initiated pulse output suitable for installation into a horizontal pipe, - operating pressure: PN 16 - operating temperature: up to 40 °C	H1				
11 2.5	max. flow: 2.5 m ³ /h, 1 contact per 10 l Connection: R 3/4", DIN 2999				+	
11 6	max. flow: 6 m ³ /h, 1 contact per 25 l Connection: R 1", DIN 2999				+	
11 10	max. flow: 10 m ³ /h, 1 contact per 50 l Connection: R 1 1/2", DIN 2999				+	
11 15	max. flow: 15 m ³ /h, 1 contact per 50 l Connection: flange DN 50, DIN 2501, PN 16				+	
N.004.I	Water meter dry running type, type WPG-T, with built-in contact generator, suitable for installation into a water pipe irrespective of its position, with connecting flanges Operating pressure: PN 10 Operating temperature: up to 40°C	H1				
04 TP	DN 50, nominal flow: 15 m ³ /h				+	
04 TQ	DN 80, nominal flow: 40 m ³ /h				+	
04 TR	DN 100, nominal flow: 60 m ³ /h				+	
04 TS	DN 150, nominal flow: 150 m ³ /h				+	
04 TT	DN 200, nominal flow: 250 m ³ /h				+	
N.004.K	Water meter,impeller type with flange DN 50, DIN 2533, nominal capacity: 30 m ³ /h 1 contact/50 liter	H1				
09 WB	for connection to a 2" steel pipe					
09 WD	for connection to PVC pipe DN 50					
UXB-96870	Flowmeter capacity: max. 5 m ³ /h principle: magnetic inductive connection: DN 25, PN 16, DIN 2501 incl. transducer enclosure: IP 67 EN 60 529 display: LCD output: 4...20 mA with CE certificate	H1				
UXC-96870	Flowmeter ditto, but capacity: max. 15 m ³ /h connection DN 40	H1				
UXD-96870	Flowmeter ditto, but capacity: max. 22 m ³ /h connection DN 50	H1				
UXE-96870	Flowmeter ditto, but capacity: max. 35 m ³ /h connection DN 65	H1				
UXF-96870	Flowmeter ditto, but capacity: max. 50 m ³ /h connection DN 80	H1				
UXG-96870	Flowmeter ditto, but capacity: max. 85 m ³ /h connection DN 100	H1				

6 Accessories 6.70.10 Water Meters

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXH-96870	Flowmeter ditto, but capacity: max. 160 m ³ /h connection DN 125	H1				
UXI-96870	Flowmeter ditto, but capacity: max. 220 m ³ /h connection DN 150	H1				
UXJ-96870	Flowmeter ditto, but capacity: max. 300 m ³ /h connection DN 200	H1				
<p>***** * For installation of an inductive flowmeter in a plastic * * line, the following earth rings are required! * *****</p>						
AAC9328	Earth ring 1.4571, DN 25, PN 40	H1				
AAC9331	Earth ring 1.4571, DN 40, PN 40	H1				
AAC9334	Earth ring 1.4571, DN 50, PN 40	H1				
AAC9337	Earth ring 1.4571, DN 65, PN 40	H1				
AAC9340	Earth ring 1.4571, DN 80, PN 40	H1				
AAC9343	Earth ring 1.4571, DN 100, PN 40	H1				
AAC9595	Earth ring 1.4571, DN 125, PN 16	H1				
AAC9598	Earth ring 1.4571, DN 150, PN 16	H1				
AAC9601	Earth ring 1.4571, DN 200, PN 16	H1				

6 Accessories

6.70.20 Back flow preventer

6 Accessories 6.70.20 Back flow preventer

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAD8854	Back flow preventer Operating pressure: max. 10 bar Connection: R 3/4"	H2				
AAD8857	Back flow preventer Operating pressure: max. 10 bar Connection: R 1"	H2				
AAD8860	Back flow preventer Operating pressure: max. 10 bar Connection: R 1 1/4"	H2				
AAD8863	Back flow preventer Operating pressure: max. 10 bar Connection: R 1 1/2"	H2				
AAD8866	Back flow preventer Operating pressure: max. 10 bar Connection: R 2"	H2				
UXA-96869	Back flow preventer for cold water, controlled by differential pressure, with pressure gauge 0-25 bar, flanges drilled to PN 16, DIN 2533 Operating pressure: max. 16 bar Connection: DN 65	H2				
UXB-96869	Back flow preventer ditto, but connection: DN 80	H2				
UXC-96869	Back flow preventer ditto, but connection: DN 100	H2				

6 Accessories

6.80.10 Marking Arrows

6 Accessories 6.80.10 Marking Arrows

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
LXA-90282	Marking arrow "OPERATING WATER"	H1				
LXB-90282	Marking arrow "CHLORINE SOLUTION"	H1				
LXC-90282	Marking arrow "CHLORINE GAS"	H1				
LXD-90282	Marking arrow "CHLORINE DIOXIDE SOLUTION"	H1				
LXE-90282	Marking arrow "SODIUM CHLORITE"	H1				
LXF-90282	Marking arrow "VENTILATION (IN) "	H1				
LXH-90282	Marking arrow "SUCTION"	H1				
LXJ-90282	Marking arrow "HYDROCHLORIC ACID"	H1				
LXK-90282	Marking arrow "DILUTION WATER"	H1				
LXL-90282	Marking arrow "GASEOUS CHLORINE DIOXIDE"	H1				
LXM-90282	Marking arrow "CAUSTIC SODA"	H1				
LXN-90282	Marking arrow "HYDROGEN"	H1				
LXO-90282	Marking arrow "SODIUM HYPOCHLORITE"	H1				
LXP-90282	Marking arrow "VENTILATION"	H1				

6 Accessories

6.90.10 Pipe Saddles

6 Accessories 6.90.10 Pipe Saddles

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
N.006.K	Pipe saddle	H1				
05 WE	DN 80, threaded connection 1"					+
05 WF	DN 80, threaded connection 1¼"					+
05 WG	DN 80, threaded connection 1½"					+
05 WH	DN 100, threaded connection 1"					+
05 WJ	DN 100, threaded connection 1¼"					+
05 WK	DN 100, threaded connection 1½"					+
05 WL	DN 125, threaded connection 1"					+
05 WM	DN 125, threaded connection 1¼"					+
05 WN	DN 125, threaded connection 1½"					+
05 WP	DN 150, threaded connection 1"					+
05 WQ	DN 150, threaded connection 1¼"					+
05 WR	DN 150, threaded connection 1½"					+
05 WS	DN 200, threaded connection 1"					+
05 WT	DN 200, threaded connection 1¼"					+
05 WU	DN 200, threaded connection 1½"					+
05 WV	DN 250, threaded connection 1"					+
05 WW	DN 250, threaded connection 1¼"					+
05 WX	DN 250, threaded connection 1½"					+
05 WB	DN 50, threaded connection 1"					+
05 WC	DN 65, threaded connection 1"					+
05 WD	DN 65, threaded connection 1¼"					+
N.006.L	Pipe saddle	H1				
05 CL	DN 50, cement-type connection DN 32					+
05 CM	DN 65, cement-type connection DN 40					+
05 CN	DN 80, cement-type connection DN 32					+
05 CP	DN 80, cement-type connection DN 40					+
05 CQ	DN 100, cement-type connection DN 32					+
05 CR	DN 100, cement-type connection DN 40					+
05 CS	DN 100, cement-type connection DN 50					+
05 CT	DN 150, cement-type connection DN 32					+
05 CU	DN 150, cement-type connection DN 40					+
05 CV	DN 150, cement-type connection DN 50					+
05 CW	DN 200, cement-type connection DN 40					+
05 CX	DN 200, cement-type connection DN 50					+
05 CY	DN 100, threaded connection R ½"					+
05 CZ	DN 100, threaded connection R 1½"					+

6 Accessories

6.90.20 PVC Valves and Fittings

6 Accessories 6.90.20 PVC Valves and Fittings

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC8659	Ball valve PVC-U/FPM, DN 10, PN 16	H1				
AAC8662	Ball valve PVC-U/FPM, DN 15, PN 16	H1				
AAC8665	Ball valve PVC-U/FPM, DN 20, PN 16	H1				
AAC8668	Ball valve PVC-U/FPM, DN 25, PN 16	H1				
AAC8671	Ball valve PVC-U/FPM, DN 32, PN 16	H1				
AAC8674	Ball valve PVC-U/FPM, DN 40, PN 16	H1				
AAC8677	Ball valve PVC-U/FPM, DN 50, PN 16	H1				
AAC8743	Ball valve PVC-U/EPDM, Rp 1/2", PN 10	H1				
N.006.U	PVC ball valve with Viton gaskets, counter flanges, adaptor flanges, bolts and nuts	C2				
01 ER	DN 65, PN 10				+	
01 ES	DN 80, PN 10				+	
01 ET	DN 100, PN 10				+	
AAD2977	Motorized PVC ball valve w/actuator, PVC-U/FPM, DN10, 100-230VAC	H1				
AAD2980	Motorized PVC ball valve w/actuator, PVC-U/FPM, DN15, 100-230VAC	H1				
AAD2983	Motorized PVC ball valve w/actuator, PVC-U/FPM, DN20, 100-230VAC	H1				
AAD2986	Motorized PVC ball valve w/actuator, PVC-U/FPM, DN25, 100-230VAC	H1				
AAD2989	Motorized PVC ball valve w/actuator, PVC-U/FPM, DN32, 100-230VAC	H1				
AAD2992	Motorized ball valve w/actuator, PVC-U/FPM, DN40, 100-230VAC	H1				
AAD2995	Motorized PVC ball valve w/actuator, PVC-U/FPM, DN50, 100-230VAC	H1				
N.006.W	Motorized PVC ball valve with electric positioner and limit switches, complete manual override and companion flanges - power supply: 230 V, 50 Hz, 60 W - positioning time: 14 sec./90° - enclosure: IP 65	C2				
01 WR	DN 65, PN 10					
01 WS	DN 80, PN 10					
01 WT	DN 100, PN 10					

6 Accessories 6.90.20 PVC Valves and Fittings

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXA-91756	3-Way ball valve PVC-U/FPM, DN 10, PN 10	H1				
UXB-91756	3-Way ball valve PVC-U/FPM, DN 15, PN 10	H1				
UXC-91756	3-Way ball valve PVC-U/FPM, DN 20, PN 10	H1				
UXD-91756	3-Way ball valve PVC-U/FPM, DN 25, PN 10	H1				
UXE-91756	3-Way ball valve PVC-U/FPM, DN 32, PN 10	H1				
UXF-91756	3-Way ball valve PVC-U/FPM, DN 40, PN 10	H1				
AAD5839	3-Way ball valve PVC-U/FPM, DN 15, el. actuator 100-230V	H1				
AAD5842	3-Way ball valve PVC-U/FPM, DN 25, el. actuator 100-230V	H1				
AAD5845	3-Way ball valve PVC-U/FPM, DN 32, el. actuator 100-230V	H1				
AAC8260	Check valve PVC-U/FPM, DN 15, PN 16	H1				
AAC8263	Check valve PVC-U/FPM, DN 20, PN 16	H1				
AAC8266	Check valve PVC-U/FPM, DN 25, PN 16	H1				
AAD1780	Check valve PVC-U/FPM, DN 32, PN 16	H1				
AAD1783	Check valve PVC-U/FPM, DN 40, PN 16	H1				
AAD1786	Check valve PVC-U/FPM, DN 50, PN 16	H1				
UXA-92304	Line strainer PVC, DN 15, PN 10	H1				
UXB-92304	Line strainer PVC, DN 20, PN 10	H1				
UXC-92304	Line strainer PVC, DN 25, PN 10	H1				
UXD-92304	Line strainer PVC, DN 32, PN 10	H1				
UXE-92304	Line strainer PVC, DN 40, PN 10	H1				
UXF-92304	Line strainer PVC, DN 50, PN 10	H1				
UXG-92304	Line strainer PVC, DN 65, PN 10	H1				
AAC7981	Line strainer PVC-U/FPM, DN 15, PN16	H1				
AAC7984	Line strainer PVC-U/FPM, DN 20, PN16	H1				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

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6 Accessories 6.90.20 PVC Valves and Fittings

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAC7987	Line strainer PVC-U/FPM, DN 25, PN16	H1				
AAC7990	Line strainer PVC-U/FPM, DN 32, PN16	H1				
AAC7993	Line strainer PVC-U/FPM, DN 40, PN16	H1				
AAC7996	Line strainer PVC-U/FPM, DN 50, PN16	H1				
N.006.D	PVC constant load valve including union connections, standard setting: 0.7 bar g, for installation into the discharge line	C2				
01 OB	nominal size DN 6					+
01 OC	nominal size DN 10					+
01 OD	nominal size DN 15					+
01 OE	nominal size DN 20					+
01 OF	nominal size DN 25					+
01 OG	nominal size DN 32					+
05 OA	connection: PE hose 2 x 1 mm					
05 OB	connection: PVC hose 4 x 3 mm					
05 OC	connection: PVC hose 6 x 3 mm					
05 OD	connection: PVC hose 10x3 mm					
05 OE	connection: PE hose 4 x 1 mm					
05 OF	connection: PE hose 6 x 2 mm					
05 OG	connection: PE hose 10 x 2 mm					
05 OH	connection: PVC pipe DN 6					
05 OI	connection: PVC pipe DN 10					
05 OJ	connection: PVC pipe DN 15					
05 OK	connection: PVC pipe DN 20					
05 OL	connection: PVC pipe DN 25					
05 OM	connection: PVC pipe DN 32					
05 ON	connection: PVC pipe DN 40					
UXB-96260	Solution injection unit DN 15, PN 16, for customer provided socket R 3/4", consisting of: - 1 diffuser pipe - 1 manual PVC shut-off valve	C2				
UXC-96260	Solution injection unit ditto, but DN 20, R 1"	C2				
UXD-96260	Solution injection unit ditto, but DN 25, R 1¼"	C2				
UXE-96260	Solution injection unit ditto, but DN 32, R 1½"	C2				
UXF-96260	Solution injection unit ditto, but DN 40, R 2"	C2				
UXG-96260	Solution injection unit ditto, but DN 50, R 2-1/2"	C2				
U-91223	Solution injection unit PVC/FPM/EPDM, DN 65, PN 10	C2				
U-91222	Solution injection unit PVC/FPM/EPDM, DN 80, PN 10	C2				
U-91221	Solution injection unit PVC/FPM/EPDM, DN 100, PN 10	C2				

6 Accessories

6.90.30 PVC Pipes

6 Accessories 6.90.30 PVC Pipes

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9004468	Pipe d10x1.2 mm, DN 6	H1				
AAC8446	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8503	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8530	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8587	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004501	Pipe d16x1.8 mm, DN 10	H1				
AAC8452	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8506	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8536	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8590	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004525	Pipe DN 15, d20x2.3 mm, PN 16	H1				
AAC8455	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8509	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8539	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8593	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004554	Pipe d25x2.8 mm, DN 20	H1				
AAC8458	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8512	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8542	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8596	Fixing material for 50m PVC pipe incl. fittings	H1				

6 Accessories 6.90.30 PVC Pipes

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9004591	Pipe d32x2.4 mm, DN 25	H1				
AAC8461	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8515	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8545	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8599	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004609	Pipe d40x3.0 mm, DN 32	H1				
AAC8467	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8518	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8548	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8602	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004633	Pipe d50x3.7 mm, DN 40	H1				
AAC8470	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8521	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8578	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8605	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004673	Pipe PVC, d63x4,7 mm, DN 50	H1				
AAC8476	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8524	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8581	Fixing material for 20m PVC pipe incl. fittings	H1				

6 Accessories 6.90.30 PVC Pipes

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9004710	Pipe d75x3.6 mm, DN 65	H1				
AAC8479	Fixing material for 5m PVC pipe incl. fittings	H1				
AAC8527	Fixing material for 10m PVC pipe incl. fittings	H1				
AAC8584	Fixing material for 20m PVC pipe incl. fittings	H1				
AAC8611	Fixing material for 50m PVC pipe incl. fittings	H1				
RP-9004765	Pipe DN 80 (90 x 4.3 mm), PN 10	H1				
RP-9004825	Pipe PVC, d110x5.3 mm, DN 100	H1				
RP-9004880	Pipe DN 125 (140 x 6.7 mm), PN 10	H1				
P-91252	Elbow PVC, DN 65, 90°	H1				
P-91253	Elbow PVC, DN 80, 90°	H1				
PXD-91246	Elbow PVC, DN 100, 90°	H1				
P-91256	Elbow PVC, DN 65, 45°	H1				
P-91257	Elbow PVC, DN 80, 45°	H1				
PXK-93281	Elbow PVC, DN 100, 45°	H1				
P-91264	Tee PVC, DN 65	H1				
P-91265	Tee PVC, DN 80	H1				
P-101235	Tee PVC, DN 100	H1				
P-91315	Socket PVC, DN 65	H1				
P-91316	Socket PVC, DN 80	H1				
P-91317	Socket PVC, DN 100	H1				
PXG-95372	Bend PVC, DN 65	H1				
PXH-95372	Bend PVC, DN 80	H1				
PXJ-95372	Bend PVC, DN 100	H1				
U-90553	Union PVC/EPDM, DN 10	H1				

Prices: ex works, excluding packing and VAT
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6 Accessories 6.90.30 PVC Pipes

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
U-90554	Union PVC/EPDM, DN 15	H1				
U-90555	Union PVC/EPDM, DN 20	H1				
U-90556	Union PVC/EPDM, DN 25	H1				
U-90557	Union PVC/EPDM, DN 32	H1				
U-90538	Union PVC/EPDM, DN 40	H1				
U-90558	Union PVC/EPDM, DN 50	H1				
AAC7873	Union PVC/EPDM, DN 65	H1				
UXC-94902	Union PVC/FPM, DN 10	H1				
UXD-94902	Union PVC/FPM, DN 15	H1				
UXE-94902	Union PVC/FPM, DN 20	H1				
UXF-94902	Union PVC/FPM, DN 25	H1				
UXG-94902	Union PVC/FPM, DN 32	H1				
UXH-94902	Union PVC/FPM, DN 40	H1				
UXJ-94902	Union PVC/FPM, DN 50	H1				
UXK-94902	Union PVC/FPM, DN 65	H1				
UXL-94902	Union PVC/FPM, DN 80	H1				

6 Accessories

6.90.35 Waste Pipes

6 Accessories 6.90.35 Waste Pipes

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB3190	Waste pipe with nut and rubber packing ring, made of PP, RAL 7037 DN 70, length = 1 m	H1				
AAB3193	Waste pipe DN 100, length = 1 m	H1				
AAB3196	Waste pipe DN 125, length = 1 m	H1				
AAB3181	Waste pipe DN 70, length = 2 m	H1				
AAB3184	Waste pipe DN 100, length = 2 m	H1				
AAB3187	Waste pipe DN 125, length = 2 m	H1				
AAB3199	Waste pipe made of PP, RAL 7037 DN 70, length = 5 m	H1				
AAB3202	Waste pipe DN 100, length = 5 m	H1				
AAB3205	Waste pipe DN 125, length = 5 m	H1				
AAB3214	Socket joint with rubber packing ring, made of PP, RAL 7037 DN 70	H1				
AAB3217	Socket joint DN 100	H1				
AAB3220	Socket joint DN 125	H1				
AAB3223	Socket plug made of PP, RAL 7037 DN 70	H1				
AAB3226	Socket plug DN 100	H1				
AAB3229	Socket plug DN 125	H1				
AAB3232	Tube bend with rubber packing ring, made of PP, RAL 7037 DN 70, 18°	H1				
AAB3241	Tube bend DN 100, 15°	H1				
AAB3250	Tube bend DN 125, 15°	H1				
AAB3235	Tube bend DN 70, 45°	H1				
AAB3244	Tube bend DN 100, 45°	H1				
AAB3253	Tube bend DN 125, 45°	H1				

6 Accessories 6.90.35 Waste Pipes

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
AAB3238	Tube bend DN 70, 87°	H1				
AAB3247	Tube bend DN 100, 87°	H1				
AAB3256	Tube bend DN 125, 87°	H1				
AAB3259	Branch piece 45° with rubber packing ring, made of PP, RAL 7037 main pipe DN 100, branch pipe DN 100	H1				
AAB3262	Branch piece 45° main pipe DN 125, branch pipe DN 125	H1				
AAB3265	HT reduction pipe with packing ring, made of PP, RAL 7037 main pipe DN 125, branch pipe DN 100	H1				

6 Accessories

6.90.40 Hoses

6 Accessories 6.90.40 Hoses

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-9114425	PE hose 2x1 mm	H1				
RP-9114435	PE hose PE-LD, 4x1 mm	H1				
RP-9114469	PE hose 6x2 mm	H1				
RP-9114487	Tubing PE, 10 x 2 mm	H1				
AAC8620	PVC pipe PVC-U, d25x1 mm, length 3 m, incl. fixing material ***** * NOTE: * * Provide 1 x AAC8620 per 3m hose! * *****	H1				
U-91039	Cable clamp d=6-16, incl. fixing material ***** * suitable for PVC hose 4x3, 6x3 mm * * PE hose 2x1, 4x1, 6x2, 10x2 * * 1/4"x3/8" and 3/8"x1/2" * *****	H1				
U-92164	Cable clamp d=16-24, incl. fixing material ***** * suitable for PVC hose 10x3, 12x4.5 mm * * PE hose 12x2 mm * *****	H1				
UXA-95821	Hose connectors PVC/FPM, 1/2", PE Tubing 4x1 mm	C2				
UXB-95821	Hose connectors PVC/FPM, G1/2", PE Tubing 6x2 mm	C2				
UXC-95821	Hose connectors PVC/FPM, 3/4", PE Tubing 10x2 mm	C2				
UXD-95821	Tubing connector parts PVC/FPM, 1/2", PE Tubing 6x1 mm	C2				
UXA-95954	Hose coupling for PE Tubing 4 x 1 mm	C2				
UXA-95955	Hose coupling for PE Tubing 6 x 2 mm	C2				
UXA-95956	Hose coupling for PE Tubing 10 x 2 mm	C2				
UXA-95958	Tee connector for PE Tubing 4 x 1 mm	C2				
UXA-95959	Tee connector for PE Tubing 6 x 2 mm	C2				
UXA-95960	Tee connector for PE Tubing 10 x 2 mm	C2				
U-95338	Clamping union for PE hose 8 x 11 mm	H1				
RP-684818	PE hose 1/4" x 3/8"	H1				

6 Accessories 6.90.40 Hoses

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
RP-684821	PE hose 3/8" x 1/2"	H1				
RP-9114502	Tubing PE, 12 x 2 mm	H1				
U-24102	Clamping union 1/2-14 NPT, for PE hose 12 x 2 mm	C1				
U-24914	Clamping union for PE hose 3/8" x 1/2"	C1				
U-95534	Clamping union PVC, 1/4-18 NPT, with union nut for PE hose 3/8" x 1/4"	C1				
P-93725	Adaptor nipple PVC, 1/2" NPT, DN 15	C1				
PXB-92760	Threaded socket PVC, 1/4-18 NPT - DN 15	C1				
P-91319	Socket PVC, DN 15	H1				
U-96377	Hose coupling for PE hose 12 x 2 mm	C2				
U-96163	Hose coupling for PE hose 1/2" x 3/8"	C2				
U-93243	Hose coupling for PE hose 1/4" x 3/8"	C2				
U-96062	Tee hose coupling for automatic switch-over system PVC, for PE hose 3/8" x 1/2"	C2				
U-95314	Tee hose coupling for automatic switch-over system PVC, for PE hose 1/4" x 3/8"	C2				
RP-9184471	PVC Hose 4x3 PVC, fiber-reinforced, 4x3 mm	H1				
RP-9184477	PVC Hose PVC, fibre-reinforced, 6x3 mm	H1				
RP-9184504	PVC Hose PVC, fiber-reinforced, 10x3 mm	H1				
RP-9184543	Hose PVC, fibre-reinforced, 12x4,5 mm	H1				
UXC-92119	Hose connectors PVC/FPM, 1/2", PVC hose 4x3 mm	C2				
UXA-92119	Hose connectors PVC/FPM, 1/2", PVC hose 6x3 mm	C2				
UXB-92119	Hose connectors PVC/FPM, 3/4", PVC Hose 10x3 mm	C2				
UXA-95951	Hose coupling for PVC Hose 4 x 3 mm	C2				
UXA-95952	Hose coupling for PVC Hose 6 x 3 mm	C2				
UXA-95953	Hose coupling for PVC Hose 10 x 3 mm	C2				

Prices: ex works, excluding packing and VAT
Prices are subject to change without prior notice!

Effective: January 2009
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6 Accessories 6.90.40 Hoses

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
UXA-95463	Tee hose coupling DN 4, for PVC Hose 4 x 3 mm	C2				
UXA-95440	Tee hose coupling DN 6, for PVC Hose 6 x 3 mm	C2				
UXA-95957	Tee hose coupling for PVC Hose 10 x 3 mm	C2				
PXA-95945	Union bushing PVC, DN 10/6 - 1/2"	EZ				
PXA-93092	Reducing bush PVC, DN 15-10	H1				
RP-9024426	Hose PTFE, 4x1 mm, PN 10	H1				
RP-9024451	Hose PTFE, 6x1 mm, PN 6	H1				
RP-9024473	Hose PTFE, 10x1 mm, PN 4.5	H1				
RP-9394451	Hose PVDF, 6x1 mm, PN 14	H1				
RP-9394473	Hose 10x1 mm, PN 8.8	H1				
RP-9024502	Hose PTFE, 12 x 2 mm	H1				

6 Accessories

6.90.50 Electric Cables

6 Accessories 6.90.50 Electric Cables

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
EXA-100065	Screened cable 2 x 0.75 mm ² , LIYCY, without fixing material for connecting sensor of leak detector to amplifier and transmission of mA-signals	H1				
EXA-100438	Data transmission cable as RS485 bus cable, for the connection of COM boards, MF485 boards, PDI's or GMS with CMS computer or MFD or ChemWeb-Server, Li2YCYCTP 2 x 0.22 mm ² , screened without fixing material maximum length 1200 m for extending the Pt1000 cable	H1				
EXD-100287	Cable grey, screened 4 x 0.5 mm ² , LiYCY for the connection of COM-card MF485 and printer, without fixing material	H1				
EXF-100134	Cable LIYCY, 7 x 0,14 mm ² without fixing material as extension of the standard cable between Depolox 4 and amplifier	H1				
U-95809	Extension box necessary for N.4017.B/C, connection 3-fold	H1				
U-95728	Junction box between Depolox 4 measuring cell and amplifier housing	H1				
UXA-95945	Cable box 90 x 90 x 53 mm with 5 terminals	H1				
E-100289	Screened cable Cu-Litze, 19 x 0.18 mm, without fixing material for the extension of the standard cable between pH/Redox probe and the respective amplifier	H1				
EXB-100025	Cable 3x1.5 mm ² , NYM-J, without fixing mat. as 230 V connecting cable (for solenoid valves, metering pumps and amplifiers)	H1				
EXC-100025	Cable NYM-J 4x1.5 mm ² , grey, without fixing mat. as 400 V connecting cable (for booster pumps and control cable between controller and electric positioner)	H1				
EXB-100065	Screened Cable 3 x 0,75 mm ² , LIYCY, without fixing mat. as feedback cable between electric positioner and controller as well as connection for the temperature sensor PT100 and remote display	H1				
EXE-100065	Cable 7 x 0.75 mm ² , LIYCY, without fixing mat. for the transmission of mA-signals	H1				

6 Accessories 6.90.50 Electric Cables

Ordering Code	Specification	PG	Price EUR	per	UNIT	SDP
EXA-100500	Flexible cable Ölflex-110, 2 x 0.5 mm ²	H1				
EXB-100500	Flexible cable Ölflex-110, 3 x 0.5 mm ²	H1				
EXC-100500	Flexible cable Ölflex-110, 4 x 0.5 mm ²	H1				
EXD-100500	Flexible cable Ölflex-110, 5 x 0.5 mm ²	H1				

TRETMAN I OBRADA VODA

Voda za piće / Tehnološke vode / Procesne vode / Vode za farmaciju / Otpadne vode / Bazenske vode

KONZALTING

Comissioning - sustava / Comissioning - opreme / Optimalizacije / Praćenje razvoja projekta / Critical solution

INŽENJERING

Procesni projekti / Tehnološki projekti / Izrada idejnih rješenja / Izrada elaborata - zaštita na radu - zaštita okoliša QA i QC planovi

USLUGE

Proizvodnja / Montaža / Puštanje u rad / Servis / Rezervni dijelovi / Održavanje-Outsourcing / Osposobljavanje osoblja



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