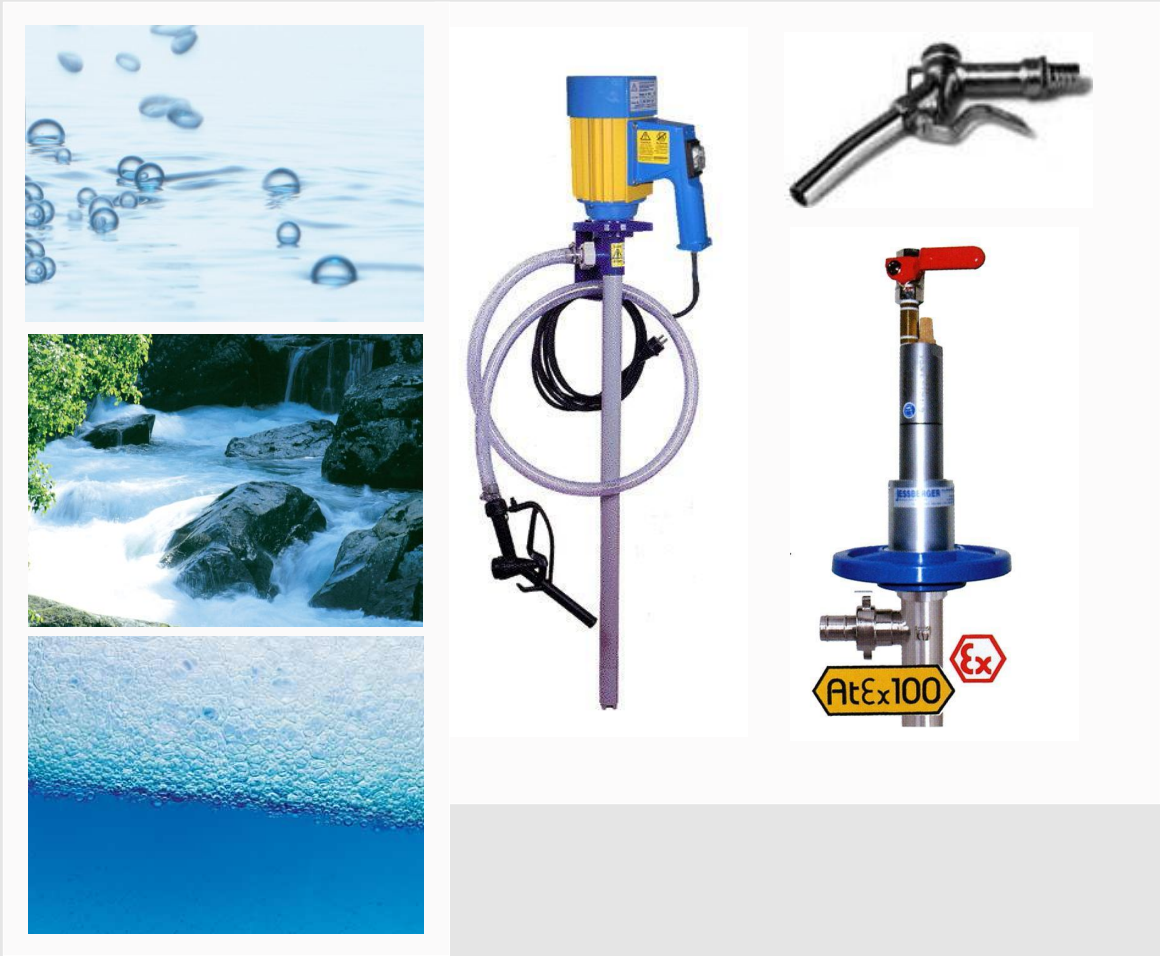




CLEAN WATER GROUP





ŠTAPASTE CRPKE



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CATALOGUE





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Laboratory pumps (with electric motor)

for filling and transferring acids and caustic solutions in small quantities from containers with a small neck.

Universalmotor JP-150, 230V, 250W, 50 Hz, IP 44, 5 mtr. cable and plug, double isolated, category II, thermo protection switch, hose connection alternatively 1/2" or 3/4", if stainless steel 3/4" or 1", wall hanger

pump tubes material		pump tubes diameter	pump tubes length	Order number
Polypropylen (HC)		Ø 25 mm	500 mm	1125 0050
Hastelloy shaft	JP-125	Ø 25 mm	700 mm	1125 0070
		Ø 25 mm	1000 mm	1125 0100
	JP-128	Ø 28 mm	500 mm	1128 0050
		Ø 28 mm	700 mm	1128 0070
		Ø 28 mm	1000 mm	1128 0100
	JP-132	Ø 32 mm	700 mm	1132 0070
		Ø 32 mm	1000 mm	1132 0100
		Ø 32 mm	1200 mm	1132 0120

Polypropylen (SS) stainless steel shaft	JP-125	Ø 25 mm	500 mm	1625 0050
		Ø 25 mm	700 mm	1625 0070
		Ø 25 mm	1000 mm	1625 0100
	JP-128	Ø 28 mm	500 mm	1628 0050
		Ø 28 mm	700 mm	1628 0070
		Ø 28 mm	1000 mm	1628 0100
	JP-132	Ø 32 mm	700 mm	1632 0070
		Ø 32 mm	1000 mm	1632 0100
		Ø 32 mm	1200 mm	1632 0120


Stainless steel 316Ti	JP-128	Ø 28 mm	700 mm	1228 0070
		Ø 28 mm	1000 mm	1228 0100
		Ø 28 mm	1200 mm	1228 0120
	JP-132	Ø 32 mm	700 mm	1232 0070
		Ø 32 mm	1000 mm	1232 0100
		Ø 32 mm	1200 mm	1232 0120


Laboratory pumps (with pneumatic motor)


for filling and transferring acids and caustic solutions in small quantities from containers with a small neck.

Pneumatic motor JP-AIR1, 300W at 7.500 rpm. with brass ball valve and muffler.

Hose connection alternatively 1/2" or 3/4", if stainless steel 3/4" or 1", wall hanger

pump tubes material		pump tubes diameter	pump tubes length	Order number
Polypropylen (HC)		Ø 25 mm	500 mm	3125 0050
Hastelloy shaft	JP-325	Ø 25 mm	700 mm	3125 0070
		Ø 25 mm	1000 mm	3125 0100
	JP-328	Ø 28 mm	500 mm	3128 0050
		Ø 28 mm	700 mm	3128 0070
		Ø 28 mm	1000 mm	3128 0100
	JP-332	Ø 32 mm	700 mm	3132 0070
		Ø 32 mm	1000 mm	3132 0100
		Ø 32 mm	1200 mm	3132 0120

Polypropylen (SS) stainless steel shaft	JP-325	Ø 25 mm	500 mm	3625 0050
		Ø 25 mm	700 mm	3625 0070
		Ø 25 mm	1000 mm	3625 0100
	JP-328	Ø 28 mm	500 mm	3628 0050
		Ø 28 mm	700 mm	3628 0070
		Ø 28 mm	1000 mm	3628 0100
	JP-332	Ø 32 mm	700 mm	3632 0070
		Ø 32 mm	1000 mm	3632 0100
		Ø 32 mm	1200 mm	3632 0120

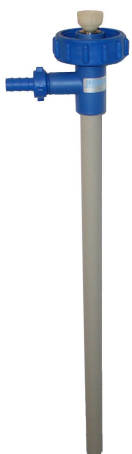
Stainless steel 316Ti	JP-328	Ø 28 mm	700 mm	3228 0070
		Ø 28 mm	1000 mm	3228 0100
		Ø 28 mm	1200 mm	3228 0120
	JP-332	Ø 32 mm	700 mm	3232 0070
		Ø 32 mm	1000 mm	3232 0100
		Ø 32 mm	1200 mm	3232 0120

Pump tubes for laboratory pumps

Pump tubes in sealless construction for filling and transferring acids and bases in small quantities from barrels, bottles, flasks and containers with a small neck. Complete with hose connection 1/2" or 3/4" of polypropylen, 3/4" or 1" if stainless steel. The pump tubes can be combined with all electric motors (page 7-9) and pneumatic motors (page 10).
With wall hanger.



Polypropylen (Shaft: stainless steel) PP (SS)	Ø 25 mm	500 mm	2625 0050
	Ø 25 mm	700 mm	2625 0070
	Ø 25 mm	1000 mm	2625 0100
	Ø 28 mm	500 mm	2628 0050
	Ø 28 mm	700 mm	2628 0070
	Ø 28 mm	1000 mm	2628 0100
	Ø 32 mm	700 mm	2632 0070
	Ø 32 mm	1000 mm	2632 0100
	Ø 32 mm	1200 mm	2632 0120



Polypropylen (Shaft: Hastelloy) PP (HC)	Ø 25 mm	500 mm	2125 0050
	Ø 25 mm	700 mm	2125 0070
	Ø 25 mm	1000 mm	2125 0100
	Ø 28 mm	500 mm	2128 0050
	Ø 28 mm	700 mm	2128 0070
	Ø 28 mm	1000 mm	2128 0100
	Ø 32 mm	700 mm	2132 0070
	Ø 32 mm	1000 mm	2132 0100
	Ø 32 mm	1200 mm	2132 0120



Stainless steel - 316Ti SS	Ø 28 mm	700 mm	2228 0070
	Ø 28 mm	1000 mm	2228 0100
	Ø 28 mm	1200 mm	2228 0120
	Ø 32 mm	700 mm	2232 0070
	Ø 32 mm	1000 mm	2232 0100
	Ø 32 mm	1200 mm	2232 0120

Accessories for laboratory pumps

Order
No.



Nozzle PP

for filling and transferring small quantities
with hose connection 1/2" (NW13)

1/2" **9016**



Nozzle PP

Housing and inside pieces in black polypropylen PP
outlet and o-ring made of Viton (FPM), spring of titanium
max. viscosity: 750 mPas, max. flowrate: 100 l/min.
(water), max. pressure: 2 bar

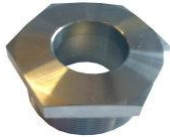
3/4" **9017**



PP-barrel adapter

for secure fixing of barrel pump on bung-hole of a barrel.
Ø 32 mm, G2"

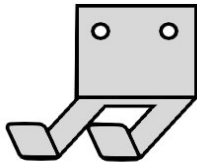
Ø 32 **9080**



Stainless steel barrel adapter

for secure fixing of barrel pump on bung-hole of a barrel.
Ø 32 mm, G2"

Ø 32 **9081**



Wall hanger for laboratory pump

for a secure storage of barrel pump if it is out of operation and
for protection of damaging of pump.

9007



PVC-hose

clear plain suitable for non flammable, neutral and aggressive
media, max. pressure: 10 bar, media-temperature: -35°C until
+60°C.

1/2" **9049**

3/4" **9050**



Universal chemical- and solvent hose, conductive

smooth, EPDM (Ethylen-Polypropylen-rubber), conductive, suitable
for many acids and wash ingredients, acetate, aldehyde, amine,
ester, ether and ketone, not usable for carbonic gassy products
and derivates. Temperature: -40°C until +90°C, operating
pressure: max. 16 bar.

1/2" **9054**

3/4" **9055**



Multipurpose chemical hose, conductive

smooth, PE-X (knitted Polyethylen), conductive, usable for nearly
all chemicals with temperature from -25°C until +90°C,
operating pressure: max. 10 bar. Not suitable for Oleum, Brom
and Chlorsulfon acid.

1/2" **9059**

3/4" **9060**

Electric universalmotors**Number****Universalmotor JP-150, 230V**

250W, 50 Hz, IP 44, 5 mtr. cable and plug,
double isolated category II, thermo protection switch

1150 2300

**Universalmotor JP-160, 230V**

400W, 50 Hz, IP 24, 5 mtr. cable and plug,
inner ventilated, double isolated category II

without low voltage release

1160 2300

with low voltage release

1160 2301

with speed control

1160 2302

with low voltage release, with speed control

1160 2303

**Universalmotor JP-180, 230V**

600W, 50 Hz, IP 24, 5 mtr. cable and plug,
inner ventilated, double isolated category II

without low voltage release

1180 2300

with low voltage release

1180 2301

with speed control

1180 2302

with low voltage release, with speed control

1180 2303

**Universalmotor JP-190, 115V**

500W, 60 Hz, IP 24, 5 mtr. cable and plug,
inner ventilated, double isolated category II

without low voltage release

1190 1150

with low voltage release

1190 1151

with speed control

1190 1152

with low voltage release, with speed control

1190 1153

Universalmotor JP-190, 230V

500W, 50 Hz, IP 24, 5 mtr. cable and plug,
inner ventilated, double isolated category II

without low voltage release	1190 2300
with low voltage release	1190 2301
with speed control	1190 2302
with low voltage release, with speed control	1190 2303

**Universalmotor JP-200, 115V**

500W, 60 Hz, IP 54, 5 mtr. cable and plug,
external ventilated, double isolated category II

without low voltage release	1200 1150
with low voltage release	1200 1151
with speed control	1200 1152
with low voltage release, with speed control	1200 1153

Universalmotor JP-200, 230V

500W, 50 Hz, IP 54, 5 mtr. cable and plug,
external ventilated, double isolated category II

without low voltage release	1200 2300
with low voltage release	1200 2301
with speed control	1200 2302
with low voltage release, with speed control	1200 2303

**Universalmotor JP-280, 115V**

825W, 60 Hz, IP 24, 5 mtr. cable and plug,
inner ventilated, double isolated category II

without low voltage release	1280 1150
with low voltage release	1280 1151
with speed control	1280 1152
with low voltage release, with speed control	1280 1153

Universalmotor JP-280, 230V

825 W, 50 Hz, IP 24, 5 mtr. cable and plug,
inner ventilated, double isolated category II

without low voltage release	1280 2300
with low voltage release	1280 2301
with speed control	1280 2302
with low voltage release, with speed control	1280 2303

**Universalmotor JP-300, 115V**

825W, 60 Hz, IP 54, 5 mtr. cable and plug,
external ventilated, double isolated category II

without low voltage release	1300 1150
with low voltage release	1300 1151
with speed control	1300 1152
with low voltage release, with speed control	1300 1153

Universalmotor JP-300, 230V

825W, 50 Hz, IP 54, 5 mtr. cable and plug,
external ventilated, double isolated category II

without low voltage release	1300 2300
with low voltage release	1300 2301
with speed control	1300 2302
with low voltage release, with speed control	1300 2303

**Universalmotor JP-400-Ex, 230V**

550W, 50 Hz, IP 54, EEx de IIA T6
5 mtr. cable without plug

with low voltage release	1400 2301
---------------------------------	------------------



3-phase motor JP-500 SM, 230/400V, 3.000 rpm
50 Hz, IP 54, with junction box and planetary gear 1:4

0,37 kW

1500 0037

0,55 kW

1500 0055

planetary gear only

Pneumatic motors



pneumatic motor JP-AIR 1, 300W at 8.000 rpm

3001 0300

with brass ball valve and muffler.
EC type examination certificate no.:
IBEx U05 ATEX B007X



pneumatic motor JP-AIR 2, 700W at 10.000 rpm

3002 0700

with starting button on the handle
(can be fixed)

pneumatic motor JP-AIR 2, 600W at 10.000 rpm

3002 0600

with starting button on the handle
(can be fixed), ATEX



pneumatic motor JP-AIR 3, 400W at 17.000 rpm

3003 0400

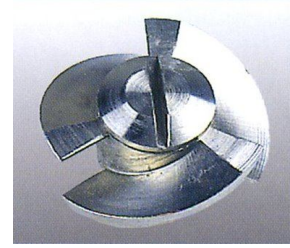
stainless steel housing,
with brass ball valve and muffler.
EC type examination certificate no.:
IBEx U05 ATEX B007X


Sealless pump tubes with rotor


(High volume pump - pressure max. 1,4 bar)


Pump tubes are generally delivered together with one complete hose connection alternatively 3/4" (NW 19), 1" (NW 25) or 5/4" (NW 32). With hose barb, hose clamp and wall hanger.

(Wall hanger up to 1200 mm)




	Polypropylen (Shaft: stainless steel)	700 mm	2641 0070
	PP (SS)	1000 mm	2641 0100
	Ø 41 mm	1200 mm	2641 0120
		1500 mm	2641 0150
		1800 mm	2641 0180

	Polypropylen (Shaft: hastelloy)	700 mm	2141 0070
	PP (HC)	1000 mm	2141 0100
	Ø 41 mm	1200 mm	2141 0120
		1500 mm	2141 0150
		1800 mm	2141 0180

	Stainless steel 316Ti	700 mm	2241 0070
	SS	1000 mm	2241 0100
	Ø 41 mm	1200 mm	2241 0120
	<i>PTFE-Rotor</i>	1500 mm	2241 0150
	EC type examination certificate no. PTB 03 ATEX 4004 X	1800 mm	2241 0180
		2100 mm	2241 0210
		2400 mm	2241 0240
		2700 mm	2241 0270
	3000 mm	2241 0300	

Optional: Rotor of stainless steel 316Ti (for stainless steel pump tube)

	Polyvinylidenfluorid	700 mm	2341 0070
	PVDF	1000 mm	2341 0100
	Ø 41 mm	1200 mm	2341 0120
		1500 mm	2341 0150

	Aluminium	700 mm	2441 0070
	ALU	1000 mm	2441 0100
	Ø 41 mm	1200 mm	2441 0120
		1500 mm	2441 0150


Sealless pump tubes with impeller


(High pressure up to 2,8 bar - lower pump capacity)


Pump tubes are generally delivered together with one complete hose connection alternatively 3/4" (NW 19), 1" (NW 25) or 5/4" (NW 32). With hose barb, hose clamp and wall hanger.

(Wall hanger up to 1200 mm)



	Polypropylen (Shaft: stainless steel)	700 mm	2641 0071
	PP (SS)	1000 mm	2641 0101
	Ø 41 mm	1200 mm	2641 0121
		1500 mm	2641 0151
		1800 mm	2641 0181

	Polypropylen (Shaft: hastelloy)	700 mm	2141 0071
	PP (HC)	1000 mm	2141 0101
	Ø 41 mm	1200 mm	2141 0121
		1500 mm	2141 0151
		1800 mm	2141 0181

	Stainless steel 316Ti	700 mm	2241 0071
	SS	1000 mm	2241 0101
	Ø 41 mm	1200 mm	2241 0121
	EC type examination certificate no. PTB 03 ATEX 4004 X	1500 mm	2241 0151
		1800 mm	2241 0181
		2100 mm	2241 0211
		2400 mm	2241 0241
		2700 mm	2241 0271
	3000 mm	2241 0301	

Optional: Impeller of stainless steel 316Ti (for stainless steel pump tube)

	Polyvinylidenfluorid	700 mm	2341 0071
	PVDF	1000 mm	2341 0101
	Ø 41 mm	1200 mm	2341 0121
		1500 mm	2341 0151

	Aluminium	700 mm	2441 0071
	ALU	1000 mm	2441 0101
	Ø 41 mm	1200 mm	2441 0121
		1500 mm	2441 0151

Special pump tubes



Mixing pump tube of Polypropylen	1000 mm	2141 0102
MIX PP , sealess construction	1200 mm	2141 0122
Ø 41/50 mm		



Mixing pump tube of stainless steel 316Ti	1000 mm	2241 0102
MIX SS , sealess construction	1200 mm	2241 0122
Ø 41/50 mm		



Pump tube of stainless steel 316Ti	700 mm	2241 0073
with mechanical seal	1000 mm	2241 0103
SS	1200 mm	2241 0123
Ø 41 mm	1500 mm	2241 0153
	1800 mm	2241 0183
	2100 mm	2241 0213
	2400 mm	2241 0243
	2700 mm	2241 0273
	3000 mm	2241 0303

Optional: Rotor of stainless steel 316Ti (for stainless steel pump tube)

Complete sets



Complete set JP-150 PP (HC) 1000

1151 4110

Universalmotor JP-150, 250W, 230V, 50/60 Hz, IP 44, 5 mtr. cable and plug, double isolated category II, thermo protection, switch

Pump tube polypropylen sealless, 1000 mm, outer-Ø 41 mm, HC-shaft, thread G 1¼", hose connection DN 25

2 mtr. PVC-hose DN 25

2 pcs. Hose clamps stainless steel

1 pc. Nozzle polypropylen

1 pc. Wall hanger



Complete set JP-190 PP (HC) 1000

1191 4110

Universalmotor JP-190, 500W, 115/230V, 50/60 Hz, IP 24, 5 mtr. cable and plug, double isolated category II, inner ventilated, overload protection switch with low voltage release

Pump tube polypropylen sealless, 1000 mm, outer-Ø 41 mm, HC-shaft, thread G 1¼", hose connection DN 25

2 mtr. PVC-hose DN 25

2 pcs. Hose clamps stainless steel

1 pc. Nozzle polypropylen

1 pc. Wall hanger



Complete set JP-200 PP (HC) 1000

1201 4110

Universalmotor JP-200, 500W, 115/230V, 50/60 Hz, IP 54, 5 mtr. cable and plug, double isolated category II, external ventilated, overload protection switch with low voltage release

Pump tube polypropylen sealless, 1000 mm, outer-Ø 41 mm, HC-shaft, thread G 1¼", hose connection DN 25

2 mtr. PVC-hose DN 25

2 pcs. Hose clamps stainless steel

1 pc. Nozzle polypropylen

1 pc. Wall hanger

**Complete set JP-280 PP (HC) 1000**

1281 4110

Universalmotor JP-280, 825W, 115/230V, 50/60 Hz,
IP 24, 5 mtr. cable and plug, double insulated
category II, inner ventilated, overload protection
switch with low voltage release

Pump tube polypropylen sealless, 1000 mm,
outer-Ø 41 mm, HC-shaft, thread G 1¼",
hose connection DN 25

2 mtr. PVC-hose DN 25

2 pcs. Hose clamps stainless steel

1 pc. Nozzle polypropylen

1 pc. Wall hanger

**Complete set JP-300 PVDF 1000**

1303 4110

Universalmotor JP-300, 825W, 115/230V, 50/60 Hz,
IP 54, 5 mtr. cable and plug, double isolated
category II, external ventilated, overload protection
switch with low voltage release

Pump tube PVDF sealless, 1000 mm,
outer-Ø 41 mm, thread G 1¼",
hose connection DN 25

2 mtr. Universal chemie- and solvent hose
DN 25, conductive

2 pcs. Hose clamps stainless steel

1 pc. Nozzle PVDF

1 pc. Wall hanger

**Complete set JP-400 SS 1000**

1402 4110

Universalmotor JP-400, 550W, 230V, 50 Hz,
IP 54, 5 mtr. cable without plug, protection class
EEx de IIA T6, overload protection switch
EC type examination certificate no. DEMKO 03 ATEX 135563 X

Pump tube stainless steel 316Ti sealless, 1000 mm,
outer-Ø 41 mm, thread G 1¼", hose
connection DN 25, EC type examination certificate no.
PTB 03 ATEX 4004 X

2 mtr. Universal chemical- and solvent hose
DN 25, conductive

2 pcs. Hose clamps stainless steel

1 pc. Nozzle brass, nickel plated

1 pc. Wall hanger

**Complete set JP-AIR 1 SS 1000****3012 4110**

Pneumatic motor JP-AIR 1, 300W, at max. 6 bar operating pressure. Motor with brass ball valve and muffler for compressed air control. This regulates the motor speed and varies the pumping capacity.

EC type examination certificate no. IBEx U05 ATEX B007 X

Pump tube stainless steel 316Ti sealless, 1000 mm, outer-Ø 41 mm, thread G 1¼", hose

connection DN 25, EC type examination certificate no. PTB 03 ATEX 4004 X

2 mtr. Universal chemical- and solvent hose

DN 25, conductive

2 pcs. Hose clamps stainless steel

1 pc. Nozzle brass, nickel plated

1 pc. Wall hanger

**Complete set JP-AIR 2 SS 1000****3022 4110**

Pneumatic motor JP-AIR 2, 700W, at max. 6 bar operating pressure. With starting button on the handle (can be fixed). Motor starts running and the pump is transferring liquids when the button is pressed.

Pump tube stainless steel 316Ti sealless, 1000 mm, outer-Ø 41 mm, thread G 1¼", hose

connection DN 25, EC type examination certificate no. PTB 03 ATEX 4004 X

2 mtr. Universal chemical- and solvent hose

DN 25, conductive

2 pcs. Hose clamps stainless steel

1 pc. Nozzle brass, nickel plated

1 pc. Wall hanger

**Complete set JP-AIR 3 SS 1000****3032 4110**

Pneumatic motor JP-AIR 3, 400W, at max. 6 bar operating pressure. Stainless steel housing, with ball valve at air intake for compressed air control. This regulates the motor speed and varies the pumping capacity.

EC type examination certificate no. IBEx U05 ATEX B007 X

Pump tube stainless steel 316Ti sealless, 1000 mm, outer-Ø 41 mm, thread G 1¼", hose

connection DN 25, EC type examination certificate no. PTB 03 ATEX 4004 X

2 mtr. Universal chemical- and solvent hose

DN 25, conductive

2 pcs. Hose clamps stainless steel

1 pc. Nozzle brass, nickel plated

1 pc. Wall hanger



Complete set laboratory JP-150 PP 700, Ø 25 mm

1151 2507

Universalmotor JP-150, 250W, 230V, 50/60 Hz, IP 44, 5 mtr. cable and plug, double isolated category II, thermo protection switch

Pump tube polypropylen sealless, 700 mm, outer-Ø 25 mm, HC-shaft, thread G 1", hose connection DN ¾" (NW 19)

2 mtr. PVC-hose DN 19

2 pcs. Hose clamps stainless steel

1 pc. Nozzle polypropylen ¾"

1 pc. Wall hanger



Complete set laboratory JP-150 PP 1000, Ø 28 mm

1151 2810

Universalmotor JP-150, 250W, 230V, 50/60 Hz, IP 44, 5 mtr. cable and plug, double isolated category II, thermo protection switch

Pump tube polypropylen sealless, 1000 mm, outer-Ø 28 mm, HC-shaft, thread G 1", hose connection DN ½" (NW 13)

2 mtr. PVC-hose DN 13

2 pcs. Hose clamps stainless steel

1 pc. Nozzle polypropylen ½"

1 pc. Wall hanger



Complete set laboratory JP-AIR 1 SS 1000, Ø 32 mm

3012 3210

Pneumatic motor JP-AIR 1, 300W, at max. 6 bar operating pressure. Motor with brass ball valve and muffer for compressed air control. This regulates the motor speed and varies the pumping capacity.

EC type examination certificate no. IBEx U05 ATEX B007 X

Pump tube stainless steel 316Ti sealless, 1000 mm, outer-Ø 32 mm, thread G 1¼", hose connection DN ¾" (NW 19)









2 mtr. Universal chemical- and solvent hose DN ¾" (NW 19), conductive

2 pcs. Hose clamps stainless steel

1 pc. Nozzle brass, nickel plated ¾"

1 pc. Wall hanger

Accessories barrel pumps

		Order- number
	PP-barrel adapter (PP- and PVDF-pump tube)	
	for secure fixing of barrel pump on bung-hole of a barrel. Ø 32 or 41 mm, G2"	Ø 41 9001 Ø 32 9080
	Stainless steel barrel adapter	
	for secure fixing of barrel pump on bung-hole of a barrel. Ø 32 or 41 mm, G2"	Ø 41 9002 Ø 32 9081
<hr/>		
	Bonding ground set	9003
	(Set - consisting of 4 cables with connection clamp)	
	A wire complete with a connection clamp, is an absolute necessity when pumping flammable liquids or in ex-area; it is in service as an electric conducting connection between the SS barrel pump an the container for earthing and for the balancing out of energy resources.	<i>ground cable:</i> 0,5 m 1 m 2 m 3 m
<hr/>		
	Stainless steel hose clamp 3/4", 1" or 5/4"	9004
	For secure fixing of hose at hose barb.	
<hr/>		
	Safety clamp stainless steel 316Ti	9005
	For secure fixing of barrel pump at open container and open barrel.	
<hr/>		
	Wall hanger for barrel pump Ø 41 mm	9006
	for a secure storage of barrel pump if it is out of operation and for protection of damaging the pump.	
<hr/>		
	Strainer PP	9011
	For protection of barrel pump when abrasive particles are present. Unit mesh size 1,5 x 12 mm (tube-Ø 40, 41 or 42 mm)	
	Strainer stainless steel 316Ti	9012
	For protection of barrel pump when abrasive particles are present. Unit mesh size 1,5 x 20 mm (tube-Ø 41 mm)	
<hr/>		
	Nozzle PP	
	Housing and inside pieces in black polypropylen PP outlet and o-ring made of Viton (FPM), spring of titanium hose connection 3/4" or 1" max. viscosity: 750 mPas, max. flowrate: 100 l/min. (water), max. pressure: 2 bar	3/4" 9017 1" 9018

Nozzle brass, nickel plated, PTFE seals, swivel joint

For filling and pumping of neutral and aggressive fluids also in pharmaceutical companies and food-industry. Housing and inner parts of nickel plated brass, seals of PTFE.

Operating pressure: max. 4 bar, viscosity: max. 750 mPas,
Flowrate: max. 80 l/min., liquid temperature: max. 80°C,
weight: 0,6 kg, hose connection: swivel joint 1" or 5/4"

3/4"	9041
1"	9042
5/4"	9043
AG 1"	9044
AG 5/4"	9045
IG 1"	9046

Nozzle stainless steel 316Ti

For us in chemical, pharmaceutical and food-industry.

Flowrate: max. 65 l/min., viscosity up to 900 mPas,
weight: 1,4 kg, seal: PTFE, operating pressure: max. 4 bar,
with hose connection 1"

NW 25
NW 32

Nozzle PVDF

For neutral and aggressive liquids, flowrate:
max. 65 l/min., viscosity until 900 mPas, weight: 210 gramm,
seal: Viton, pressure: max. 3 bar, with protection device and
swivel hose connection

NW 19
NW 25
NW 32

Emission proof drum adapter

For pump tube diameter 41 mm, Viton-seals,
prevents emission of harmful gases and vapours out of the drum

Polypropylen

9024

Brass

9025

Stainless steel 316Ti

9026

PVC-hose

clear plain suitable for non flammable, neutral and aggressive
media, max. pressure: 10 bar, media-temperature: -35°C until
+60°C.

3/4"	9050
1"	9051
1 1/4"	9052
1 1/2"	9053

Universal chemical- and solvent hose, conductive

smooth, EPDM (Ethylen-Polypropylen-rubber), conductive, suitable
for many acids and wash ingredients, acetate, aldehyde, amine,
ester, ether and ketone, not usable for carbonic gassy products
and derivates. Temperature: -40°C until +90°C, operating
pressure: max. 16 bar.

3/4"	9055
1"	9056
1 1/4"	9057
1 1/2"	9058



Multipurpose chemical hose, conductive		3/4"	9060
smooth, PE-X (knitted Polyethylen), conductive, usable for nearly all chemicals with temperature from -25°C until +90°C,		1"	9061
operating pressure: max. 10 bar. Not suitable for oleum, bromine and Chlorsulfon acid.		1 1/4"	9062
		1 1/2"	9063

Mineral oil hose	PN10 internally knitted	3/4"	9065
	PN10 internally knitted	1"	9066
	PN16 TW-hose	1 1/4"	9067
	PN16 TW-hose	1 1/2"	9068

Hose connectors of brass or stainless steel



Clamping flange of polypropylen			9070
for IBC-Container (to fix a pump with Ø 40/41mm)			
Ø 140 mm, 4-holes, screw-hole circle 110 mm			



Discharge arc			
Serving to transfer and fill liquids directly into other vessels.	PP		9072
They are available in PP, Alu and Stainless Steel 316Ti and they are threaded directly onto the outrun piece of the pump tube over a wing nut.	ALU		9073
	SS		9074

Connection pieces for FLUX-motors and pump tubes

Adapter Alu: Flux-pump tube > JESSBERGER/Standard/Lutz-motor		9090
Actuator PA: Flux-pump tube > JESSBERGER/Standard/Lutz-motor		9091
Adapter Alu: Flux-motor > JESSBERGER/Standard/Lutz-pump tube		9092

Explosion proof plug - Explosion proof socket

EEx de IIC T6, protection class IP 65, 16 Ampere

CEE-round plug	3-pole
	5-pole
CEE-socket	3-pole
	5-pole

Accessories for pneumatic motors

Service unit

For cleaning and lubrication of air. With manometer to adjust operating pressure: max. 10 bar.

Plug-in union

The hose coupling of brass consists of a plug G 3/8" male thread and a hose clip NW 9. For connecting pneumatic motor to compressed air supply.

Thread union

Brass, G 3/4" male thread, for hose NW 9

Air pressure hose

PVC-hose internally knitted NW 9, 3/8", (per meter)
operating pressure: max. 10 bar, temperature: -35°C until +60°C

Pressure regulator

Brass chrom plated; to control air pressure and herewith rpm of the pneumatic motors, both sides female thread R 3/8"

Eccentric screw pump JP-700 SR



Pump tube JESSBERGER JP-700 SR (SR-speed reducer)

consisting of:

Planetary gear (speed reducer from 8.000 - 12.000 rpm to 550 - 800 rpm), Rotor, shaft, flexible shaft, and outer tube (diameter: Ø 54 mm) of stainless steel 316Ti, shaft seal: single mechanical seal M3N type SBVGG (carbon/chrom/viton). Discharge connection: G 1 1/2" of stainless steel. Pump tube with handwheel (1842), snap ring (1508) and coupling (1004) to connect directly to electric JESSBERGER-Universalmotor JP-280, JP-300 and JP-400 or directly to the pneumatic motors JP-AIR 2 and JP-AIR 3 (prices: page 8-10)

Type	Stator	Pump tube €/piece		
		700 mm	1000 mm	1200 mm
JP-700.12.1 SR	NBR NBR light EPDM HYPALON VITON PTFE			
JP-700.12.2 SR 100 mm longer	NBR NBR light EPDM HYPALON VITON PTFE			
JP-700.25.1 SR	NBR NBR light EPDM HYPALON VITON PTFE			
JP-700.25.2 SR 100 mm longer	NBR NBR light EPDM HYPALON VITON PTFE			
JP-700.50.1 SR 100 mm longer	NBR NBR light EPDM HYPALON VITON PTFE			

3-phase motors and accessories - Eccentric screw pump JP-700 DR

3-phase motor 230/400V, 50 Hz

IP 55		EEx e II T3	
0,37 kW - 900 rpm	92,00 €	0,37 kW - 900 rpm	
0,55 kW - 900 rpm	102,00 €	0,55 kW - 900 rpm	
0,75 kW - 900 rpm	118,00 €	0,95 kW - 900 rpm	
1,10 kW - 900 rpm	134,00 €	1,40 kW - 900 rpm	
1,50 kW - 900 rpm	186,00 €	1,90 kW - 900 rpm	
2,20 kW - 900 rpm	232,00 €	2,60 kW - 900 rpm	
0,37 kW - 700 rpm	144,00 €	0,37 kW - 700 rpm	
0,55 kW - 700 rpm	154,00 €	0,55 kW - 700 rpm	
0,75 kW - 700 rpm	196,00 €	0,95 kW - 700 rpm	
1,10 kW - 700 rpm	210,00 €	1,30 kW - 700 rpm	
1,50 kW - 700 rpm	254,00 €	1,90 kW - 700 rpm	
2,20 kW - 700 rpm	444,00 €	2,60 kW - 700 rpm	



further motor sizes and special voltage on request

Pneumatic motor for JP-700 DR

Operating pressure at 6 bar - 900 rpm



JP-AIR4	0,5 kW	G 3/8"	5 kg	Flange IEC 75
JP-AIR6	1,0 kW	G 1/2"	10 kg	Flange IEC 72
JP-AIR8	1,5 kW	G 1/2"	14 kg	Flange IEC 72

Accessories JP-700 DR/additional charge for:

Pump hanger of stainless steel for all motor sizes

Motor protection switch, mounted on junction box
for all motor sizes - expect for EX-motors

Additional charge for mechanical seal SiC/SiC/iton

Additional charge for mechanical sal SiC/SiC/FEP

Shaft sealing PTFE/carbon

Packing gland

Lantern flange Ø 200 mm

complete hose connection, stainless steel JP-700 SR + DR

Brass wing nut, nickel plated (for thread G 1 1/2"), hose barg of stainless steel and PTFE seal

1"	NW 25	Order-no.:	1206
1 1/4"	NW 32	Order-no.:	1207
1 1/2"	NW 38	Order-no.:	1208

Eccentric screw pump JP-700 DR



RIGID COUPLING (Pump tube with lantern Alu Ø 160 mm to connect on 3-phase motor, gear motor and pneumatic motor).

All pump parts that get in contact directly with the pumping liquid, for example: rotor, flexible shaft, shaft and outer tube (diameter: Ø 54 mm), are manufactured of stainless steel 316Ti. Shaft seal: single mechanical seal M3N type SBVGG (carbon/chrom/viton). Discharge connection: G 1 1/2" of stainless steel.

Type	Stator	Pump tube
		tube length: 700 mm 1000 mm 1200 mm
JP-700.12.1 DR	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	
JP-700.12.2 DR 100 mm longer	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	
JP-700.25.1 DR	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	
JP-700.25.2 DR 100 mm longer	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	
JP-700.50.1 DR 100 mm longer	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	

Eccentric screw pump JP-700 DR



FLEXIBLE COUPLING (Pump tube with lantern Alu Ø 160 mm to connect on 3-phase motor, gear motor and pneumatic motor).

All pump parts that get in contact directly with the pumping liquid, for example: rotor, flexible shaft, shaft and outer tube (diameter: Ø 54 mm), are manufactured of stainless steel 316Ti. Shaft seal: single mechanical seal M3N type SBVGG (carbon/chrom/viton). Discharge connection: G 1 1/2" of stainless steel.

Type	Stator	Pump tube
		tube length: 700 mm 1000 mm 1200 mm
JP-700.12.1 DR	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	
JP-700.12.2 DR 100 mm longer	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	
JP-700.25.1 DR	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	
JP-700.25.2 DR 100 mm longer	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	
JP-700.50.1 DR 100 mm longer	NBR NBR light EPDM HYPALON VITON (FKM) PTFE	

Horizontal eccentric screw pump JP-700 H



Horizontal dosing pump JP-700 H (to connect on 3-phase motor, gear motor or pneumatic motor)
 Pump housing: stainless steel 316Ti, lantern: aluminium/polypropylen, shaft and rotor: SS 316Ti,
 stator: see below, joints/seals: pins/o-rings, mechanical seal: carbon/chrom/viton, plate: steel painted.

Type	Stator	Pump tube
JP-700.12.1 H	NBR / NBR light VITON (FKM) PTFE	
JP-700.12.2 H	NBR / NBR light VITON (FKM) PTFE	
JP-700.25.1 H	NBR / NBR light VITON (FKM) PTFE	
JP-700.25.2 H	NBR / NBR light VITON (FKM) PTFE	
JP-700.50.1 H	NBR / NBR light VITON (FKM) PTFE	

Plate steel, painted

Additional charge for mechanical seal of SiC/SiC/Viton

Additional charge for gland packing

Additional charge for PS-shaft seal in PTFE

3-phase motors 0,55 kW, 0,75 kW, 1,1 kW, 750 or 1.000 rpm, flange Ø 160 mm, B3/B5

or

NORD gear motors 230/400V, 50 Hz, foot/flange execution 160 mm

n=107, 120, 134, 150, 165, 181, 197, 214, 233, 251, 271, 291, 313, 327, 359, 392, 426, 462, 498, 538, 578, 624

	0,37 kW	0,55 kW	0,75 kW	1,1 kW	1,5 kW
gear motor					
thermo sensor					

Horizontal eccentric screw pump JP-700 HL - food grade



Horizontal dosing pump JP-700 HL - food grade execution (to connect on 3-phase motor, gear motor or pneumatic motor) Pump housing: stainless steel 316Ti, lantern: aluminium/polypropylen, shaft and rotor: SS 316Ti, stator: see below, joints/seals: pins/open, mechanical seal: carbon/chrom/viton, plate: steel painted.

Type	Stator	Pump tube
JP-700.12.1 HL	NBR light PTFE	
JP-700.12.2 HL	NBR light PTFE	
JP-700.25.1 HL	NBR light PTFE	
JP-700.25.2 HL	NBR light PTFE	
JP-700.50.1 HL	NBR light PTFE	

Plate steel, painted

Additional charge for mechanical seal of SiC/SiC/Viton

Additional charge for gland packing

Additional charge for PS-shaft seal in PTFE

3-phase motors 0,55 kW, 0,75 kW, 1,1 kW, 750 or 1.000 rpm, flange Ø 160 mm, B3/B5

or

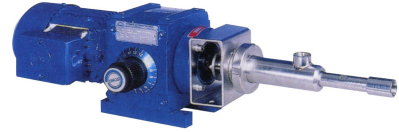
NORD gear motors 230/400V, 50 Hz, foot/flange execution 160 mm

n=107, 120, 134, 150, 165, 181, 197, 214, 233, 251, 271, 291, 313, 327, 359, 392, 426, 462, 498, 538, 578, 624

	0,37 kW	0,55 kW	0,75 kW	1,1 kW	1,5 kW
gear motor	407,00 €	423,00 €	438,00 €	452,00 €	472,00 €
thermo sensor	36,00 €	40,00 €	44,00 €	49,00 €	63,00 €

Dosing pumps for viscous liquids (Eccentric screw type)

Execution: Parts that get in contact with liquid: SS 316Ti
 Pin joints with viton collar from JP-7032 until 7112
 Pin joints with o-ring seal at JP-7115.1 and 7115.2
 Mechanical seal carbon/chrom/viton



Gear motor with manual regulator (V)

Type	Flowrate l/h	Drive	Speed- control	shaft seal	pressure bar	
JP-7032 V	0,6 - 3	0,25 kW	Hand	mechan. seal	12	
JP-7052 V	1,2 - 12	0,25 kW	Hand	mechan. seal	12	
JP-7082 V	6 - 54	0,25 kW	Hand	mechan. seal	12	
JP-7112 V	15 - 150	0,37 kW	Hand	mechan. seal	12	
JP-7115.1 V	50 - 600	0,55 kW	Hand	mechan. seal	6	
JP-7115.2 V	50 - 600	0,55 kW	Hand	mechan. seal	12	

Spur wheel back-feared motor (G) used for operating with frequency inverter between 12 and 100 Hz
 230/400V 50Hz, B3/B5 flange 120 mm, protection class IP 55, isolation class F, thermo sensor 2x155°C
 Speed at 50Hz alternatively 107, 120, 134, 150, 165, 181, 197, 214, 233, 251, 271, 291, 313, 327, 359, 392, 426, 462,
 498, 538, 578, 624 rpm

Type	Flowrate l/h	Drive	Speed- control	shaft seal	pressure bar	
JP-7032 G	0,6 - 3	0,25 kW	FI / FU	mechan. seal	12	
JP-7052 G	1,2 - 12	0,25 kW	FI / FU	mechan. seal	12	
JP-7082 G	6 - 54	0,25 kW	FI / FU	mechan. seal	12	
JP-7112 G	15 - 150	0,37 kW	FI / FU	mechan. seal	12	
JP-7115.1 G	50 - 600	0,55 kW	FI / FU	mechan. seal	6	
JP-7115.2 G	50 - 600	0,55 kW	FI / FU	mechan. seal	12	

FI: Speed control by frequency inverter, frequency inverter not included in price

Frequency inverter on gear motor speed regulation locally with potentiometer

3-phase current connection 3x400V 50/60Hz	
Customer interface SK CU2-STD to regulate inverter with external signal 0 (4) - 20 mA	

Frequency inverter for switchboard on request

Stator: NBR, NBR light, Hypalon, EPDM, Viton same price. See below Viton and PTFE additional charges.

Additional charges

Packing gland	
Mechanical seal SiC/SiC/Viton	
SM-seal PTFE	
Viton collar for JP-7115.1/2	
Viton stator for JP-7115.2	
PTFE-stator for JP-7115.1	
PTFE-stator for JP-7115.2	

Eccentric screw pump for containers

JP-700.80.1, 200.1, 300.1 and JP-700.80.2, 200.2, 300.2

Standard execution:

Joint shaft, drive directly clutched, mechanical seal in carbon/ceramic/viton, delivery connection 2"

food grade execution:

with milk thread or torsion shaft JP-700.80.1 TW

Construction:

immersion tube	SS 316Ti
lantern	
with flange	aluminium
rotor	SS 316Ti
coupling rod	SS 316Ti
pump shaft	SS 316Ti
pin joints	SS 316Ti with o-rings
stator	NBR, NBR-light, Viton (FKM), PTFE
stator sleeve	SS 316Ti pearl blasted
	left-side thread
shaft sealing	mechanical seal
delivery connection	G 2" / DN 50 or milk thread
tube length	1000 mm (Standard)
biggest tube diameter	90 / 105 / 130 mm



Pump tube	NBR (Buna)	NBR light	EPDM	HYPALON	Viton (FKM)	PTFE
JP-700.80.1						
JP-700.200.1						
JP-700.300.1						
JP-700.80.1 TW						
JP-700.80.2						
JP-700.200.2						
JP-700.300.2						

NORD gear motor, 230/400V, resp. 400/690V, 50 Hz, flange 160 mm

1,1 kW	1,5 kW	2,2 kW	3 kW	4 kW
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Thermo sensor

bigger motor sizes on request

Additional charges:

- Mechanical seal SiC/SiC/viton
- Extension of immersion tube, each 200 mm
- Shortening
- Pump hanger
- On/Off switch with motor protection up to 4 kW
- On/Off switch with motor protection up to 5,5-11 kW

Electronic flowmeters



9020 Electronic flowmeter **FM 120 PP**
Housing in Polypropylen, male connections on both sides G1"



9021 Electronic flowmeter **FM 120 PVDF**
Housing in PVDF, male connections on both sides G1"

9022 Electronic flowmeter **FM 120 POM**
(Diesel and heating oil), housing POM, male connections on both sides G1"

9020 I Electronic flowmeter **FM 120 PP I**
like 9020, but impuls output, incl. 1 mtr. 3-wires cable
without plug. Quadratursignal, open drain



9020 MO1 Electronic flowmeter **FM 120 PP MO1**
like 9020, but with pre set function and 1 switching output
opendrain, incl. 1 mtr. cable with 3-pol. Dioplug
to control a pump (pre-settable batch or to open and
close a magnetic valve)

9020 MO2 Electronic flowmeter **FM 120 PP MO2**
like 9020, but with pre set function and 2 swichting output
opendrain, incl. 1 mtr. cabel with 5-pol. Dioplug
To control a pump (pre-settable batch or to open and
close a magnetic valve)

9027 Electronic kit to fit into the blue handle of the motor
or into a remote switch (without assembly)



9028 Remote switch in plug-housing (shock-proof plug)
with integrated electronic kit, 230 Volt
To control a pump or a magnetic valve for pre-set function
with flowmeter 9020 M01/02
Diodes in-built coupling

Flowmeter FM 120 with pre-set function and Universalmotor - SMART PUMP:

JP-180 Motor + FM 120 PP-Flowmeter 9020 MO1 + electronic parts 9027

JP-280 Motor + FM 120 PP-Flowmeter 9020 MO1 + electronic parts 9027

JP-300 Motor + FM 120 PP-Flowmeter 9020 MO1 + electronic parts 9027

Connection parts polypropylen for flowmeter FM 120 PP

- hose barb: Pump tube > FM 120 PP flowmeter (female thread 5/4" to 1") **9023**
- + 1 Teflon seal Ø 30 mm **2194**
- + 1 Teflon seal Ø 40 mm **2195**
- hose barb: Flowmeter > hose (female thread 1" / flowmeter to hose 1") PP **9027**
- + 1 Teflon seal Ø 30 mm **2194**

Connection parts PVDF for flowmeter FM 120 PVDF

- Pump tube > FM 120 PVDF flowmeter (female thread 5/4" to 1") **9028**
- + 1 Teflon seal Ø 30 mm **2194**
- + 1 Teflon seal Ø 40 mm **2195**
- Flowmeter > hose (female thread 1" / flowmeter to hose 1") PP **9029**
- + 1 Teflon seal Ø 30 mm **2194**

Electronic flowmeter Alu (uncalibrated oval wheel counter)

Oil, 3/4" female thread, 6-60 l/min, 70 bar (K600/3) **9037**

Diesel, 1" female thr., 10-100 l/min, 30 bar (K600/3) **9038**

Oil+Diesel, 1 1/2" fem. thr., 50-150 l/min, 20 bar (K600/3) **9039**

Electronic flowmeter stainless steel with 1" female thread on both sides Ex ia IIC T4

Electronic flowmeter with turbine wheel, resettable subset display, not resettable total quantity display, metering range: 10 l/min - 190 l/min. Battery lifetime: approx. 2.000 operating hours. Accuracy: +/- 1%. Stainless steel housing, parts that get in contact with liquid: stainless steel, PVDF, Ferrit, Wolfram-Karbid, ceramic, rubber. Connections female thread 1". **9008**

Connection part stainless steel SS316 1" male thread**9009**

and hose connection 1" (adapted on electronic flowmeter 9008) to connect flowmeter directly on 1"-hose.

Hand pumps



Hand pump JP-02

6002 0000

for acids and bases. Pump body polypropylen, telescopic suction tube 340-900 mm, lever can be mounted in three different positions: 0,3 or 0,37 or 0,45 l/stroke to regulate capacity



Hand pump JP-03

6003 0000

for liquids like oils, water, alcohol up to 50%, light viscous liquids, diesel, etc. Pump body polypropylen, telescopic suction tube 340-900 mm, lever can be mounted in three different positions: 0,3 or 0,37 or 0,45 l/stroke to regulate capacity. Seals nitrile rubber.



Hand pump JP-04

6004 0000

Chemical pump, pump body polypropylen, telescopic suction tube 480-950 mm, handle piston PP, viton seals, flow rate 0,3 l/stroke, with hose connection 3/4"



Hand pump JP-05

700 mm

6005 0700

Stainless steel 316Ti
with discharge connection 5/4"

1000 mm

6005 1000

Necessary accessories:

- | | | |
|--|------|-------------|
| 1 Discharge arg with teflon seal and wing nut | | 6510 |
| 1 Hose connection stainless steel, with teflon seal and wing nut of brass, nickel plated | 3/4" | 6520 |
| | 1" | 6530 |
| 1 Barrel adapter of brass, nickel plated, R 2" with fixing device | | 6540 |
| 1 Anti-Static-Set complete consisting of 4 copper cables (necessary when pumping flammable liquids) | | 9003 |

**Hand pump JP-07**

Manual fill and transfer pump. Pump body of polypropylen, suitable for small cans of 20 litres to 200-litre-barrels, 3 adapters for bunghole diameter from 46,5 to 60 mm - suction tube in four pieces for optimum adjustment depending on containers depth.

Flow rate:

- Water: approx. 20 l/min
- Oil SAE 30: 9 l/min at 20°C
- max. viscosity 400 mPas
- max. temperature: 40°C

Blue: Pump with nitrile seals is suitable for most food products like edible oils, oleag inous and petroleum based substances. **6007 0001**

Accessories: Transfer hose (1,5 m) with nozzle **6710**

Red: Pump with EPDM seals is intended for use with alkine liquids and liquids containing alcohol. **6007 0002**

Accessories: Transfer hose (1,5 m) with nozzle **6720**

Green: Pump with Viton seals is ideal for special applications such as acids and chemicals. **6007 0003**

Accessories: Transfer hose (1,5 m) with nozzle **6730**



Hand pump JP-11 High flow pump **6011 0000**

Material: Aluminium and zincplated steel tube. This versatile drum pump is suitable for transferring of low viscous fluids such as diesel, machine oil, etc.

Flowrate: 1 ltr./rotation. Clockwise or counterclockwise or for discharging or suctioning freely.

Max. delivery height: 15 mtr. Max. horizontal distance: 50 mtr.

Pump complete with transfer hose and barrel adapter.



Hand pump JP-12 High flow pump **6012 0000**

Material: Aluminium and zincplated steel tube. This versatile drum pump is suitable for transferring of low viscous fluids such as diesel, machine oil, etc.

Flowrate: 1 ltr./rotation. Clockwise or counterclockwise or for discharging or suctioning freely.

Max. delivery height: 15 mtr. Max. horizontal distance: 50 mtr.

Pump complete with special mineral oil hose, discharge arc and barrel adapter.



Hand pump JP-13 metal rotary pump

6013 0000

Material: Cast iron and steel tube

Flowrate: 300cc per rotation

for 33 to 55 gallon barrels. gasoline, diesel, gear oil, lubricant, high and low viscous liquids.



Hand pump JP-14 metal hand pump

6014 0000

Material: Die-cast zinc alloy

Flowrate: 500cc per stroke

for 15 to 55 gallon barrels. high viscous liquids - paraffin, gear oil, etc. Telescopic suction tube fits to various containers Includes curved spout and high angle spout. 2" bung adapter.



Hand pump JP-15 metal hand pump

6015 0000

Material: Zinc-plated steel

Flowrate: 350cc per stroke

for 15 to 55 gallon barrels. All petroleum products, non-corrosive solvents, thinners, anti-freeze etc. Telescopic suction tube. 1 1/2" and 2" bung adapter, discharge arc. Removable spout threaded for 3/4" hose fitting.

Thread adapters made of Polyethylen (PE)

To adapt to different bung hole threads of canisters, containers, drums etc. to mount f.e. hand pumps.



All JESSBERGER hand pumps have a bung adapter (2" BSP male thread) suitable for metal drums like S60 or S200. Due to the big variety of different canisters, containers, drums etc., that are available in the market, there is often a need to use an adapter to mount the pump in the drum securely.

Material of adapter: PE (Polyethylen)

This plastic material is resistant to water, many alkalies, acids and salt solutions. It is only limited chemical compatible to oils, organic solvents and fuels. In contact with some of these substances PE tends to swell depending on the density.

Nr.	Colour	Thread 1	Thread 2	Order-Nr.	
1	Brown	2" BSP fine, female thread *	DIN 71, female thread	6001	
2	Grey	2" BSP fine, female thread *	DIN 61/31, male thread	6002	
3	Black	2" BSP fine, male thread *	DIN 61/31, male thread	6003	
4	Yellow	2" BSP fine, female thread *	DIN 61/31, female thread	6004	
5	White	2" BSP fine, female thread *	ASTM Ø 63 mm, female thread	6005	
6	Red	2" Mauser coarse, fem. thr.	Trisure coarse, male thread	6006	
7	Orange	2" BSP fine, female thread *	Trisure coarse, male thread	6007	
8	Blue	2" BSP fine, female thread *	2" Mauser coarse, male thread	6008	
9	Green	2" BSP fine, female thread *	DIN 51, female thread	6009	
10	Set	All adapters Nr. 1-9	All adapters Nr. 1-9	6010	

* 2" BSP (British-Standard-Pipe) is equivalent to a diameter of 58 mm.

Classification (without any obligations):

Thread DIN 71 female thread	for containers
Thread DIN 61/ 31	for 20/30/60 liter plastic canisters and KTC/ IBC containers
ASTM Ø 63 mm female thread	for special threads
DIN 51 female thread	for 5/10 liter plastic canisters
Thread Trisure	for special threads at plastic drums
Mauser thread coarse	for 110/ 220 liter barrels made of PE (Polyethylen)

PROTANK 25 - Pumps for diesel and fuel oil, hazard class A III

For refueling of agriculture machines, tractors, trucks, motorboats, vehicles, etc.

Construction	Light, however robust
Quality	Manufacturing process conforms to the strictest quality standards
Siphon protection	The siphon protector is permanently effective, acc. to law
Suction height	Up to 2 mtr. in case of raised liquid column
Delivery height	9 to 15 m
Liquid column	Not self-priming, liquid column raised by means of a piston pump
Engine variants	230V 1~AC, 24V DC, 12V DC
Engine interpretation	All motors are designed for steady-state operation
Engine protection	Overload protection by a thermal circuit breaker, self-resetting
Mobility	Mobility thanks to extremely light weight of 2,5 kg, without suction hose
Handling	Discharge hose can be simply dismantled from the pump, screwed design
On/Off switch	Lighted
Flowing liquid	Smooth operation even in case of lightly contaminated flowing liquid
Suction hose	Length 1,6 m, incl. filter 3/4"
Discharge hose	Length 4 m, 1"
Discharge nozzle	Standard control nozzle or automatic shut-off-nozzle incl. into the complete set
Packing	non-returnable package

Performance data

Voltage	230V	24V	12V
Frequency	50 Hz		
Current	1~AC	DC	DC
Power consumption	1,8 Amp.	10 Amp.	14 Amp.
Wattage	320W	240W	180W
Flow rate *	52 l/min.	43 l/min.	38 l/min.
Delivery height max.	15 m	10 m	9 m
Weight	2,5 kg	2,5 kg	2,5 kg

* in case of free discharge, lift 1,6 m, DN 19



Order-No.	Type
23 711	protank 25, 12V, with standard control nozzle
23 714	protank 25, 12V, with automatic shut-off-nozzle, type-approved
23 717	protank 25, 12V, with automatic shut-off-nozzle
23 721	protank 25, 24V, with standard control nozzle
23 724	protank 25, 24V, with automatic shut-off-nozzle, type-approved
23 727	protank 25, 24V, with automatic shut-off-nozzle
23 731	protank 25, 230V, with standard control nozzle
23 734	protank 25, 230V, with automatic shut-off-nozzle, type-approved
23 737	protank 25, 230V, with automatic shut-off-nozzle

PROTANK 50 - Pumps for diesel and fuel oil, hazard class A III

For refueling of agriculture machines, tractors, trucks, motorboats, vehicles, etc.

Construction	Robust design fulfilling the hardest tasks
Quality	Manufacturing process conforms to the strictest quality standards
Siphon protection	The siphon protector is permanently effective, acc. to law
Delivery height	9 to 17 m - self-priming: up to 2 m self-priming
Engine protection	Overload protection by a thermal circuit breaker, self-resetting
Handling	Discharge hose can be simply dismantled from the pump, screwed design
Materials	Pump casting and running wheel are made of grey cast iron
On/Off switch	Lighted
Engine variants	230V 1~AC, 24V DC, 12V DC
Suction hose	Length 1,6 m incl. filter 1", Delivery hose: 4 m, 1"
Discharge nozzles	Standard control nozzle or automatic shut-off-nozzle incl. into the complete set
Flowmeter	Mechanical flowmeter delivered as accessory, depending on version
Packing	non-returnable package

Performance data

Voltage	230V	24V	12V
Frequency	50 Hz		
Current	1~AC	DC	DC
Power consumption	2,2 Amp.	12 Amp.	22 Amp.
Wattage	400W	300W	260W
Flow rate *	50 l/min.	40 l/min.	38 l/min.
Delivery height max.	17 m	9 m	9 m
Weight	6,2 kg	4,0 kg	4,0 kg

* in case of free discharge, lift 1,6 m, DN 19



Order-no.	Vertical	Type
23 911	38 l/min.	protank 50, 12V DC, clamps - standard control nozzle
23 912	38 l/min.	protank 50, 12V DC, clamps - standard control nozzle, mech. flowmeter
23 914	38 l/min.	protank 50, 12V DC, clamps - automatic shut-off-nozzle, type-approved
23 915	38 l/min.	protank 50, 12V DC, clamps - autom. shut-off-nozzle, type-appr., flowmeter
23 917	38 l/min.	protank 50, 12V DC, clamps - automatic shut-off-nozzle
23 918	38 l/min.	protank 50, 12V DC, clamps - automatic shut-off-nozzle, mech. flowmeter
23 921	40 l/min.	protank 50, 24V DC, clamps - standard control nozzle
23 922	40 l/min.	protank 50, 24V DC, clamps - standard control nozzle, mech. flowmeter
23 924	40 l/min.	protank 50, 24V DC, clamps - automatic shut-off-nozzle, type-approved
23 925	40 l/min.	protank 50, 24V DC, clamps - autom. shut-off-nozzle, type-appr., flowmeter
23 927	40 l/min.	protank 50, 24V DC, clamps - automatic shut-off-nozzle
23 928	40 l/min.	protank 50, 24V DC, clamps - automatic shut-off-nozzle, mech. flowmeter
23 931	50 l/min.	protank 50, 230V, 1~AC, plug - standard control nozzle
23 932	50 l/min.	protank 50, 230V, 1~AC, plug - standard control nozzle, mech. flowmeter
23 934	50 l/min.	protank 50, 230V, 1~AC, plug - automatic shut-off-nozzle type-approved
23 935	50 l/min.	protank 50, 230V, 1~AC, plug - automatic shut-off-nozzle type-appr., flowmete
23 937	50 l/min.	protank 50, 230V, 1~AC, plug - automatic shut-off-nozzle
23 938	50 l/min.	protank 50, 230V, 1~AC, plug - automatic shut-off-nozzle, mech. flowmeter

Accessories for PROTANK 25 and PROTANK 50

Standard nozzle of polypropylen **9030**
 Female thread, suitable to discharge hose with male thread

Standard nozzle of aluminium **9032**
 Female thread, suitable to discharge hose with male thread



Automatic nozzle of aluminium ZVA

for gasoline, diesel, oil, petroleum, not suitable for viscous oils.

Housing aluminium, internal parts brass, stainless steel, delrin, diaphragm, seals NBR and polyurethane.

Diameter 19, flow rate up to approx. 80 l/min. Working pressure 0,5 bis 4 bar. Connection: female thread.

Suitable to discharge hose with male thread.

9031



Mechanical flowmeter K33/K44

of alu/plastic, approx. 20-120 l/min, max. 10 bar, connection

1" female thread on both sides. For liquids from 30-2.000 mPas, especially suitable for lubricants, fuel oil/diesel, petroleum, anti-freezing-liquid (neat) and vegetable oils

3-digit **9035**

4-digit **9036**

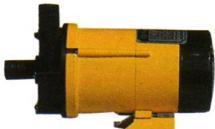
Magnetic coupled centrifugal pump

1-phase motor 230V - 50 Hz

H= hose connection

T= threaded connection

PPG (Polypropylen-glass fibre reinforced) ceramic spindle, bearing, Viton seals







	Order-No.		Order-No.
	NH 5PX-H NH 5PX-T		NH 40PX-H NH 40PX-T
	NH 10PX-H NH 10PX-T		NH 50PX-H NH 50PX-T
	NH 30PX-H NH 30PX-T		NH 100PX-H NH 100PX-T

Without motor but suitable to connect to any IEC 3 phase motor

CV= flanged connection






CV-GT= threaded connection



PPG (Polypropylen-glass fibre reinforced) ceramic spindle, bearing, Viton seals





Order-No.		Order-No.	
	NH 250PS flange NH 250PS G3 thr.		NH 402PW-CV flange NH 402PW-CV-GT thr.
	NH 400PW-CV flange NH 400PW-CV-GT-thr.		NH 403PW-CV flange NH 403PW-CV-GT thr.
	NH 401PW-CV flange NH 401PW-CV-GT thr.		NH 405PW-CV flange NH 405PW-CV-CT thr.




Diaphragm pumps



(Ex II 3/3 GD c IIB T135°C)



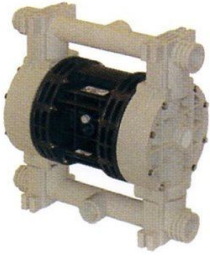
Type and description	Housing	Diaphragms	Balls	Ball seats
 <p>JP-800.5 1/4" 5 l/min</p>	PP	NBR+PTFE	PYREX	PP
 <p>JP-800.16 3/6" 17 l/min</p>	PP	NBR+PTFE	PTFE EPDM INOX	PP PPS-V HMW INOX PP PPS-V HMW INOX
	ECTFE	NBR+PTFE	PTFE INOX	ECTFE INOX ECTFE INOX
 <p>JP-800.30 1/2" 30 l/min</p>	PP	SANTOPRENE HYTREL POLIURETANO SANTOPR.+PTFE HYTREL+PTFE	PTFE EPDM INOX PTFE EPDM INOX	PP INOX HMW PP INOX HMW PP INOX HMW
	ECTFE	SANTOPR.+PTFE	PTFE INOX	PVDF INOX









Type and description	Housing	Diaphragms	Balls	Ball seats
JP-800.30 1/2" 30 l/min	ALU	SANTOPRENE HYTREL POLIURETANO	PTFE EPDM	INOX PE-UHMW
			INOX	INOX PE-UHMW
		SANTOPR.+PTFE HYTREL+PTFE	PTFE EPDM	INOX PE-UHMW
			INOX	INOX PE-UHMW
	AISI 316	SANTOPR.+PTFE HYTREL+PTFE	PTFE INOX EPDM	INOX PE-UHMW
 JP-800.50 1/2" 50 l/min	PP	NBR SANTOPRENE HYTREL POLIURETANO EPDM	PTFE EPDM	PP PPS-V INOX HMW
			INOX	PP PPS-V INOX HMW
		SANTOPR.+PTFE HYTREL+PTFE	PTFE EPDM	PP PPS-V INOX HMW
			INOX	PP PPS-V INOX HMW
 JP-800.50 1/2" 50 l/min.	ECTFE	SANTOPR.+PTFE	PTFE INOX PTFE INOX	ECTFE ECTFE INOX INOX


Type and description	Housing	Diaphragms	Balls	Ball seats
 JP-800.50 1/2" 50 l/min.	ALU	SANTOPR.+PTFE HYTREL+PTFE	PTFE EPDM	PPS-V INOX HMW
			INOX	PPS-V INOX HMW
 JP-800.50 1/2" 50 l/min.	AISI 316	HYTREL+PTFE SANTOPR.+PTFE	PTFE INOX EPDM	INOX PPS-V HMW
 JP-800.90 1" 90 l/min	AISI 316	HYTREL+PTFE SANTOPR.+PTFE	PTFE INOX	INOX
 JP-800.91 1" 100 l/min	PP	NBR SANTOPRENE HYTREL POLIURETANO EPDM	PTFE EPDM	PP PPS-V INOX HMW
			INOX	PP PPS-V INOX HMW
			PTFE EPDM	PP PPS-V INOX HMW
			INOX	PP PPS-V INOX HMW
	ECTFE	SANTOPR.+PTFE	PTFE INOX PTFE INOX	ECTFE ECTFE INOX INOX

Type and description	Housing	Diaphragms	Balls	Ball seats
 <p>JP-800.91 1" 100 l/min</p>	ALU	HYREL SANTOPRENE POLIURETANO EPDM NBR	PTFE EPDM	INOX →
				HMW →
			INOX	INOX →
				HMW →
		HYREL+PTFE SANTOPR.+PTFE	PTFE EPDM	INOX →
				HMW →
INOX	INOX	INOX →		
		HMW →		
 <p>JP-800.150 1" 150 l/min.</p>	PP	HYREL SANTOPRENE POLIURETANO	PTFE EPDM	PP →
				PPS-V →
				INOX →
			INOX	PP →
				PPS-V →
				INOX →
		HYREL+PTFE SANTOPR.+PTFE	PTFE EPDM	PP →
				PPS-V →
				INOX →
		INOX	INOX	PP →
				PPS-V →
				INOX →
	ECTFE	SANTOPR.+PTFE	PTFE	ECTFE →
				INOX →
			INOX	ECTFE →
				INOX →

Type and description	Housing	Diaphragms	Balls	Ball seats
 <p>JP-800.220 1 1/4" 220 l/min.</p>	PP	HYTREL EPDM	PTFE	PP PPS-V
				INOX HMW
		SANTOPRENE POLIURETANO NBR	INOX EPDM	PP PPS-V
				INOX HMW
	HYTREL+PTFE SANTOPR.+PTFE	PTFE	PP PPS-V	
			INOX HMW	
		INOX EPDM	PP PPS-V	
			INOX HMW	
	ECTFE	SANTOPR.+PTFE	PTFE	ECTFE
			INOX	ECTFE
			PTFE	INOX
			INOX	INOX



Type and description	Housing	Diaphragms	Balls	Ball seats
 <p>JP-800.220 1 1/4" 220 l/min.</p>	ALU	HYTREL EPDM POLIURETANO SANTOPRENE NBR	PTFE	PPS-V → PE-UHMW →
			INOX EPDM	PPS-V → PE-UHMW →
	ALU	HYTREL+PTFE SANTOPR.+PTFE	PTFE	PP → PPS-V → INOX HMW →
			INOX EPDM	PP → PPS-V → INOX HMW →
	AISI 316	HYTREL+PTFE SANTOPR.+PTFE	PTFE INOX	INOX →
 <p>JP-800.340 1 1/2" 340 l/min.</p>	PP	HYTREL EPDM POLIURETANO SANTOPRENE NBR	PTFE	PP → INOX HMW →
			INOX EPDM	PP → INOX HMW →
	PP	HYTREL+PTFE SANTOPR.+PTFE	PTFE INOX EPDM	PP → INOX HMW → PP → INOX HMW →

Type and description	Housing	Diaphragms	Balls	Ball seats
 <p>JP-800.340 1 1/2" 340 l/min.</p>	ECTFE	SANTOPR.+PTFE	PTFE → PVDF INOX → PVDF PTFE → INOX INOX → INOX	
 <p>JP-800.341 1 1/2" 340 l/min.</p>	ALU	HYTREL SANTOPRENE POLIURETANO EPDM NBR	PTFE → INOX PTFE → HMW INOX EPDM → INOX INOX EPDM → HMW	
		HYTREL+PTFE SANTOPR.+PTFE	PTFE → INOX PTFE → HMW INOX → INOX EPDM → HMW INOX → HMW EPDM → INOX	
	AISI 316	HYTREL+PTFE SANTOPR.+PTFE	PTFE INOX EPDM	INOX HMW
 <p>JP-800.650 2" 650 l/min.</p>	PP	HYTREL SANTOPRENE POLIURETANO	EPDM → PP PTFE → HMW INOX	
		HYTREL+PTFE SANTOPR.+PTFE	EPDM → PP PTFE → HMW INOX	
	PVDF	SANTOPR.+PTFE	PTFE → PVDF INOX	
	AISI 316	HYTREL+PTFE SANTOPR.+PTFE	PTFE → INOX INOX	

Type and description	Housing	Diaphragms	Balls	Ball seats
 JP-800.850 3" 850 l/min.	PP	HYTREL SANTOPRENE POLIURETANO	EPDM PTFE	PP HMW
		HYTREL+PTFE SANTOPR.+PTFE	EPDM PTFE	PP HMW
	PVDF	SANTOPR.+PTFE	PTFE	PVDF

Equaflux pulsation dampener

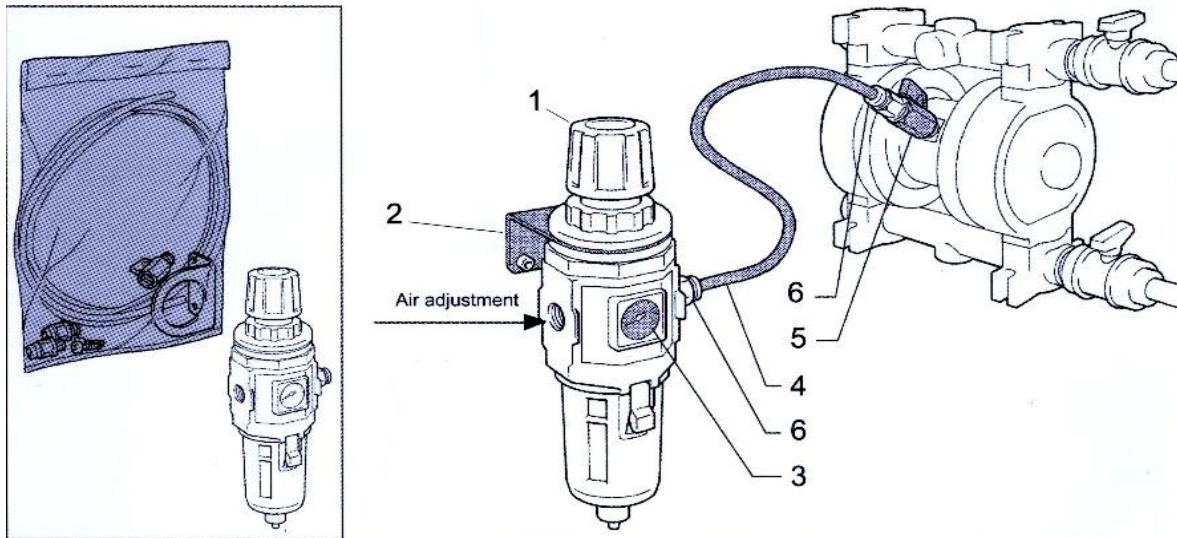
( II 3/3 GD c IIB T135°C)

Type and description	Material	Diaphragms	Pumps
POLYPROPYLEN			
 Equaflux 51	PP	HYTREL+PTFE	JP-800.5, 800.16, 800.30
 Equaflux 100	PP	HYTREL+PTFE	JP-800.50, 800.90, 800.91, 800.150
 Equaflux 200	PP	HYTREL+PTFE	JP-800.220, 800.340, 800.341
 Equaflux 300	PP	HYTREL+PTFE	JP-800.650, 800-850
ECTFE			
 Equaflux 51	ECTFE	SANTOPRENE + PTFE	JP-800.5, 800.16, 800.30
 Equaflux 100	ECTFE	SANTOPRENE + PTFE	JP-800.50, 800.90, 800.91, 800.150
 Equaflux 200	ECTFE	SANTOPRENE + PTFE	JP-800.220, 800.340, 800.341
PPS-V + RYTON			
 Equaflux 51	PPS-V	HYTREL+PTFE	JP-800.5, 800.16, 800.30
 Equaflux 100	PPS-V	HYTREL+PTFE	JP-800.50, 800.90, 800.91, 800.150
 Equaflux 200	PPS-V	HYTREL+PTFE	JP-800.220, 800.340, 800.341

Attention:

- ECTFE is only for the liquid side, the air side casing is always PP
- EQUAFLUX of ECTFE has been built for pumps of ECTFE or AISI 316

Air setting kit





Air setting kit including:


- 1) Density filter
- 2) Bracket
- 3) Manometer
- 4) 5 m Elastolan Pipe
- 5) Valve
- 6) Fittings

Pumpe type	Air Setting	Size	
JP-800.5, JP-800.16, JP-800.30, JP-800.50	W 1000 - 8 - G	1/4"	
JP-800.80, JP-800.150, JP-800.200, JP-800.330	W 3000 - 10 - G	3/8"	
JP-800.650	W 3000 - 20 - G	1"	

Stroke counter


Picture	Code	Description	
	CONTCLC0018AOT	Stroke counter with proximity, valid for the following pumps: JP-800.50, 800.80, 800.150, 800.200, 800.330	
	CNTCLC0018AOT	Stroke counter with magnetic sensor, valid for the following pumps: JP-800.16, 800.26	

Vertical centrifugal pump JP-820

Type	kW	HP	Material	Length (mm)	Pump tube	Standard motor*	ATEX-motor	Pump w. Standard motor*	Pump w. ATEX-motor
	JP-820.95	0,75	1	PP	500				
					800				
					1000				
					1250				
				PVDF	500				
					800				
					1000				
					1250				
JP-820.110	1,1	1,5	PP	500					
				800					
				1000					
				1250					
				PVDF	500				
					800				
					1000				
					1250				
JP-820.120	1,5	2	PP	500					
				800					
				1000					
				1250					
				PVDF	500				
					800				
					1000				
					1250				
JP-820.130	2,2	3	PP	500					
				800					
				1000					
				1250					
				PVDF	500				
					800				
					1000				
					1250				

** Standard motor = 3-phase motor 230/400V, 50/60 Hz, 2-poles). For types from JP-820.95 to JP-820.150. For types JP-820.155/160 (400/690V, 50/60 Hz, 2-poles) Possibilities of 1-phase motor. Please specify the motor type when ordering.

Note: Standard length: 500 mm, 800 mm, 1000 mm, 1250 mm

Type	kW	HP	Material	Length (mm)	Pump tubes	Standard motor*	ATEX-motor	Pump w. Standard motor*	Pump w. ATEX-motor
	JP-820.140	3	4	PP	500				
					800				
					1000				
					1250				
	JP-820.150	4	5,5	PP	500				
					800				
					1000				
					1250				
JP-820.155	5,5	7,5	PP	500					
				800					
				1000					
				1250					
JP-820.160	7,5	10	PP	500					
				800					
				1000					
				1250					
JP-820.160	7,5	10	PVDF	500					
				800					
				1000					
				1250					

** Standard motor = 3-phase motor 230/400V, 50/60 Hz, 2-poles). For types from JP-820.95 to JP-820.150. For types JP-820.155/160 (400/690V, 50/60 Hz, 2-poles) Possibilities of 1-phase motor. Please specify the motor type when ordering.

Note: Standard length: 500 mm, 800 mm, 1000 mm, 1250 mm

Horizontal centrifugal pump JP-840

Prices incl. motors

Type	kW	HP	Seal	Standard motor**		Atex motor	
				PP	PVDF/ECTFE	PP	PVDF/ECTFE
JP-840.80	0,37	0,5	,A- ,B-				
JP-840.100	0,55	0,75	,A- ,B-				
JP-840.110	1,1	1,5	,A- ,B-				
JP-840.120	1,5	2	,A- ,B-				
JP-840.130	2,2	3	,A- ,B-				
JP-840.140	3	4	,A- ,B-				
JP-840.140/55	4	5,5	,A- ,B-				
JP-840.150	4	5,5	,A- ,B-				
JP-840.155	5,5	7,5	,A- ,B-				
JP-840.160	7,5	10	,A- ,B-				



Seal type "A" lips seal of VITON or EPDM, seal type "B" PTFE mechanical seal with inox springs, carborundum, ceramic rings

** Standard motor = 3-phase motor 230/400V, 50/60 Hz, 2-poles). For types from JP-840.155/160 (400/690V, 50/60 Hz, 2-poles) possibility for universal motor. From JP-840.80 to JP-840.150: Please specify the motor type when ordering. 1-phase motor from 0,55 kW available.

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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