

MP2-HT pH/Redox



Description

Peristaltic digital, proportional dosing pump for acidic or basic/oxidizing or reducing products. Protection class IP 65. This dosing pump system has a longer engine life and better performance under pressure because of a bearing on the rollers holder.

Features

- Built-in controller for pH or Redox
- Overdosing time alarm
- Start time delay setting
- Status and programming led alarm
- STAND-BY function to stop dosing
- Priming button for quick installation
- Default parameter restore option
- Password protected
- Over/under range alarm

Function modes

- Manual: constant
- On/Off: constant with programmable activation threshold
- Proportional: according to measurement distance from set point, proportional range freely programmable

Display

- Backlit LCD display, 16 x 2 characters
- 4 Languages
- Display of flow rate
- Display of PH/RX and temperature

Options

- Three rollers for more accurate dosing

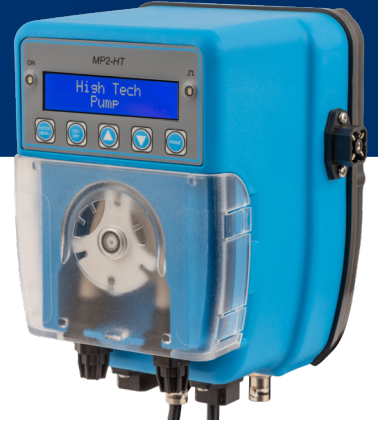
Technical specifications

Standard	Flow rate		Pressure		Hose material	Hose dimensions [mm]	RPM
	[l/h]	[cc/min]	[Bar]	[PSI]			
03 – 01*	3,0	50	1	14,5	Santoprene	5,8 x 9,3	20
06 – 01*	6,0	100	1	14,5	Santoprene	5,8 x 9,3	48
12 – 01*	12,0	200	1	14,5	Santoprene	5,8 x 9,3	104
2,5 – 01	2,5	41,7	1	14,5	Viton	4,8 x 8	20
4,8 – 01	4,8	80	1	14,5	Viton	4,8 x 8	48

*20% flow reduction in the 3-rolls version

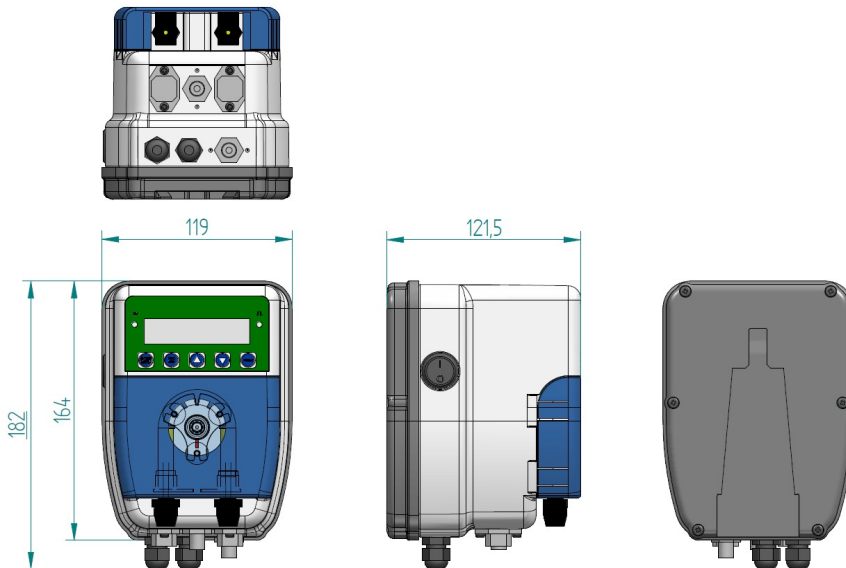
Description	Standard configuration	Optional
Box Case	Polypropylene	
Roller Holder	DELRIN	Teflon
Hose material	Santoprene	Viton
Power Supply	90 ÷ 250 Vac 50 – 60 Hz	
Power Consumption	20 Watt	
Net Weight	0,9 kg	
Fittings	PP ring nuts for hose 4 x 6 mm	
Probe connection	BNC	
Injection valve / Foot filter	Lip valve	
Suction tube	PVC 4 x 6	
Delivery tube	PE 4 x 6	

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Optional kit	Standard version	Basic version	Medium version	Full version
PBT Roller holder with 3 rolls	On demand	On demand	On demand	On demand
PT100 Temperature Probe Predisposition	-	-	✓	✓
Hose breakage alarm	-	-	✓	✓
Dosing enabling	-	-	-	✓
Level Probe Predisposition	-	✓	✓	✓
Flow Sensor Predisposition	-	✓	✓	✓
Relay alarm output (dry contact)	-	-	-	✓
SCHUKO plug	-	-	-	✓
ON/OFF manual switch	-	✓	✓	✓

Dimensions



All dimensions are in mm. All dimensions and weights are for guidance only.

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Accessory kit

Standard kit

Nr.1 Injection Valve 1/2"
PP-VL-VT lip valve Viton®

Nr.1 Foot filter 1/2"
PP-VL-VT lip valve Viton®

Nr. 1 Delivery Hose
2mt PE 4x6

Nr. 1 Suction Hose
2mt PVC 4x6



Installation kit On demand

Installation kit 11.100.178 (pH probe complete + 2 clamp saddle (buffer pH7-pH9))

Nr.1 PH Electrode cable
5 mt. Body Epoxy

Nr.2 Buffer Solutions
pH 7,00 and pH 9,00

Nr. 2 Clamp Saddles
ø 50 1/2"

Nr.1 In line probe holder
1/2" PP



Installation kit 11.100.179 (Redox probe complete +2 clamp saddle (buffer 468mv))

Nr.1 Rx Electrode cable
5 mt. Body Epoxy

Nr.1 Buffer Solution
468 mV

Nr. 2 Clamp Saddles
ø 50 1/2"

Nr.1 In line probe holder
1/2" PP

