

MP2-HT Multifunction



Description

Multifunctional digital peristaltic pump with adjustable flow rate by varying the speed of the motor. Protection class IP 65. This dosing pump system has a longer engine life and better performance under pressure because of a bearing on the roller holder.

Features

- 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

Function modes

- Manual: constant
- ON/OFF: cyclic dosing with programmable delay
- Pulses: proportional flow rate according to pulses from water meter, with or without memory
- Ppm: automatically adjusted flow

rate to achieve requested ppm level (signal from water meter)

- mA: Proportional to received external mA signal, proportionality full range programmable
- Quantity: dosing a programmable quantity on switching on or enabling signal
- Timer dos: hourly interval during reception of enabling signal
- Timer: 10 programmable doses, daily and weekly

Display

- Backlit LCD display, 16 x 2 characters
- 4 Languages
- Display of flow rate

Options

- Three rollers for more accurate dosing

Technical specifications

Standard	Flow rate		Pressure		Hose material	Hose dimensions [mm]	Speed [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
20-01*	20,0	333.3	1	14,5	Santoprene	5.8 x 9.3	150
02-04*	2.0	33.3	4	58	Santoprene	4.8 x 9.6	20
05-04*	5.0	83.3	4	58	Santoprene	4.8 x 9.6	48
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

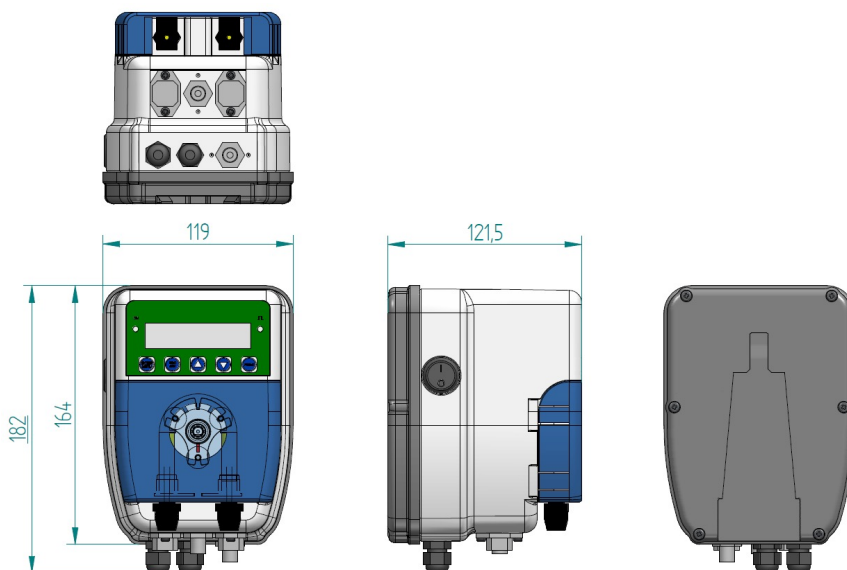
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Description	Standard configuration	Optional
Box Case	Polypropylene	
Roller Holder	DELRIN	Teflon
Hose material	Santoprene	Viton
Power Supply	90 ÷ 250 Vac 50 – 60 Hz	
Power Consumption	20 Watt	
Net Weight	0,9 kg	
Fittings	PP ring nuts for hose 4 x 6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

Optional kit	Standard version	Basic version	Medium version	Full version
PBT Roller holder with 3 rolls	On demand	On demand	On demand	On demand
Hose breakage alarm	-	-	✓	✓
Dosing enabling	-	-	✓	✓
Level Probe 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

