

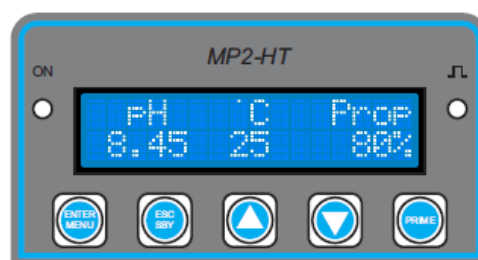
COMBINED PANEL

MP2-HT PH - REDOX

Data Sheet

DESCRIPTION

- ✓ Thermoformed and wired panel with IP 65 box
- ✓ Digital peristaltic pumps with built in **PH/REDOX** and **temperature** controller and real time measurement
- ✓ **3** different operating mode: **Manual**, **ON/OFF**, **Proportional**
- ✓ **Manual function:** constant dosing
- ✓ **ON/OFF function:** constant dosing with programmable activation threshold
- ✓ **Proportional function:** proportional dosage to the measurement distance from the set point, fully programmable range of proportionality
- ✓ Proportionality of the dosage by **variation of the motor rotation speed**
- ✓ **4** languages available: **Italian, English, French, Spanish**
- ✓ Instantaneous visualization of the % flow rate
- ✓ Instantaneous visualization of the pH/Redox and temperature values
- ✓ Password protected
- ✓ Time **overdosage alarm (TAL System)**
- ✓ Startup delay
- ✓ **STAND-BY** mode
- ✓ Priming button for a **quick installation**
- ✓ Default parameter restore option
- ✓ Backlit **LCD Display** 16 x 2
- ✓ Alarm and dosing LED
- ✓ Power supply **90 ÷ 250 Vac** 50-60 Hz
- ✓ Reinforced PP box
- ✓ Polycarbonate glass with **quick coupling/uncoupling system**
- ✓ PBT roller holder with 2 rolls
- ✓ Longer engine life and better performance under pressure with the aid of a **bearing** for rotating the rollers holder
- ✓ **50micron** with **washable net filter** placed in the **outflow probe holder**
- ✓ **Water input connections 4x6mm or 8x12mm**
- ✓ Easy programming and minimum maintenance
- ✓ **100 % Made in Italy**
- ✓ CE approved



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	X	X	✓	✓
✓ Hose breakage alarm	X	X	✓	✓
✓ Dosing enabling	X	X	X	✓
✓ Level Probe Predisposition	X	✓	✓	✓
✓ Relay alarm output (dry contact)	X	✓	✓	✓
✓ Over/under measurement range alarm	X	✓	✓	✓
✓ ON/OFF manual switch	X	X	X	✓
✓ PT100 Temperature Probe Predisposition	X	✓	✓	✓

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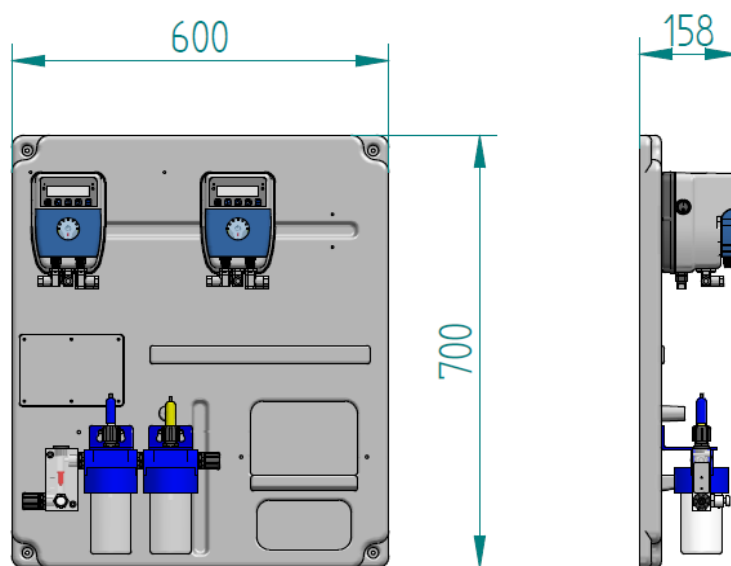
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DESCRIPTION

Standard CONFIGURATION

Box Case	Polypropylene
Roller Holder	DELTRIN
Hose material	Santoprene
Power Supply	90 ÷ 250 Vac 50 – 60 Hz
Power Consumption	40 Watt
Net Weight	6 kg
Fittings	PP ring nuts for hose 4 x 6 mm
Probe connection	BNC / HTP
Injection valve / Foot filter	Lip valve (PP + VT)
Suction tube	PVC 4 x 6
Delivery tube	PE 4 x 6



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

*20% flow reduction in the 3-rolls version

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PROBES SUITABLE FOR STANDARD CONFIGURATION

ELECTRODE FEATURES

PRO-PH

PRO-RX



Measurement Range	0 ÷ 14	0 ÷ 999
Resolution	0,01	1
Analysis flow water	40 lt / h	40 lt / h
Body	Epoxy	Epoxy
Electrode	Platinum	Platinum
Temperature	50°C	50°C
Connections	BNC	BNC
Cable lenght	1 mt	1 mt
Pressure	2 bar	2 bar