

Signal S500 SERIES

www.signal-pumps.co.uk

S500 M20C P2 dosing system

M20C dosing systems are an integral controller and peristaltic dosing pump, in a multi-parameter configuration, combining pH with either redox, free chlorine or conductivity.

The concept of combined controller and pump, reduce the installation requirements, and also ease maintenance. Designed for wall mounting.



- 2 LCD displays
- Microprocessor technology
- Available versions:
 - pH-Redox
 - pH-Cl
 - pH-Conductivity
- Pump regulation via proportional time On/Off
- 4-20 mA signal output for each measurement
- Delay time adjustable for each dosing pump
- Hysteresis adjustable for each dosing pump
- Flow sensor input to stop the pump and to start the alarm
- Alarm signal output for each measure
- Pump flow rate 2.2 l/h

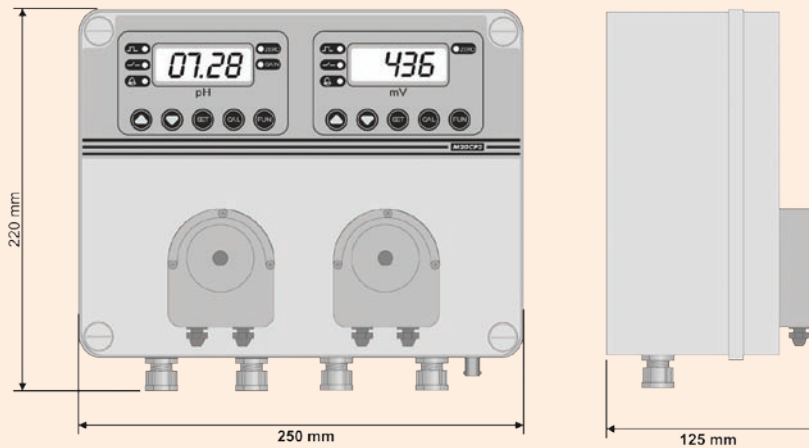
Signal
METERING PUMPS

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TECHNICAL DATA

S500 SERIES - M20C P2 dosing system

Models	M20-PH	M20-MV	M20-CL	M20-CD
Measure range	0-14.00 pH	0-1000 mV	0-10.00 ppm	0-10.00 μ S K=5 0-100.0 μ S K=5 0-1000 μ S K=5 0-10.000 μ S K=1
Functions	pH measure and control	Redox potential (ORP) measure and control	Free Chlorine measure and control	Conductivity measure and control
Resolution	\pm 0.01 pH	\pm 1 mV	\pm 0.01 ppm	\pm 1% F.S.
Display	LCD 3 1/2 DIGIT (x2)			
Accuracy	\pm 1% E.S.			
Controls	Keypad 5 Keys (x2)			
Temperature	Manual temperature compensation 0-100 °C			
Set-point	2 ON/OFF load 5A to 230vac (x2)			
Output	Analogue 4-20mA selectable: on measure range (recorder) or proportional to the set-point 2 (x2)			
Histeresys	Set-point histeresys adjustable			
Delay	Set-point delay adjustable			
P.i.d.	set point 1 selectable in proportional time/pause output (x2)			
Power supply	230 Vac 50Hz (optional 110/ 24 Vac)			
Consumption	5W			
Pump flow rate	2.2 l/h			
Dimensions	240 x 200 x 115 mm			
Weight	610 gr			



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