

VMSMF* - DIGITAL CONTROL METERING PUMP

Diaphragm metering pump with digital control, multifunction, backlit LCD display, vertical mounting.

Glass filled and Polypropylene housing.

PVDF for liquid ends highly resistant to chemicals.

Versions on request

Pump head for viscous liquids up to 8,000 cps

Self-venting pump head (VMSMFA)

Stainless Steel (AISI 316) and PMMA pump head sold as option

APPLICATIONS

- Disinfection, legionella prevention
- Cooling towers
- Water treatment
- Swimming pools
- Industrial-level chemical dosing



TECHNICAL SPECIFICATIONS

Protection:	IP65 NEMA4x
Supply:	190...265 Vac, 90...135Vac, 20...32Vac, 10...16Vdc
Working temperature:	-10...+45°C
Dosing accuracy:	+/- 2%
Functions	Dosing: Constant - Divide - Multiplier - PPM - Batch - % - ml/q Automatic repriming with strokes recovery system. Pause/Work Cycle. Upkeep menu. Instant flow measurement. Input signal on display. Statistics menu. Level control. Stroke speed (freq) adjustment 0-100%. Digital signal input. mA current signal . Voltage signal (0. Alarm output.
Included accessories:	Level probe with axial foot filter (PVDF) Injection valve (PVDF) Assembly kit Fuse 2 m delivery hose (PE) 2 m suction hose (transparent PVC) 2 m discharge hose (transparent 4x6 PVC) 2.5 m external signal cable



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MODELS - FLOWS SPECIFICATIONS

MANUAL VENTING DOSING PUMP

VMSMF....	Flow		Delivery Hose PE	Suction Hose	cc per stroke
2001	1 l/h at 20 bar	0.26 GPH at 290 PSI	4 x 8	4 x 8	0.1
1802	2 l/h at 18 bar	0.52 GPH at 261 PSI	4 x 8	4 x 8	0.19
1804	4 l/h at 18 bar	1.05 GPH at 261 PSI	4 x 8	4 x 8	0.37
1502	2 l/h at 15 bar	0.52 GPH at 217 PSI	4 x 6	4 x 6	0.19
1504	4 l/h at 15 bar	1.05 GPH at 217 PSI	4 x 6	4 x 6	0.37
1505	5 l/h at 15 bar	1.32 GPH at 217 PSI	4 x 6	4 x 6	0.46
1004	4 l/h at 10 bar	1.05 GPH at 145 PSI	4 x 6	4 x 6	0.37
1005	5 l/h at 10 bar	1.32 GPH at 145 PSI	4 x 6	4 x 6	0.46
1010	10 l/h at 10 bar	2.64 GPH at 145 PSI	4 x 6	4 x 6	0.93
0706	6 l/h at 7 bar	1.58 GPH at 101 PSI	4 x 6	4 x 6	0.56
0510	10 l/h at 5 bar	2.64 GPH at 72 PSI	4 x 6	4 x 6	0.93
0512	12 l/h at 5 bar	3.17 GPH at 72 PSI	4 x 6	4 x 6	1.11
0501	1 l/h at 5 bar	0.26 GPH at 72 PSI	4 x 6	4 x 6	0.1
0408	8 l/h at 4 bar	2.11 GPH at 58 PSI	4 x 6	4 x 6	0.74
0310	10 l/h at 3 bar	2.64 GPH at 43 PSI	4 x 6	4 x 6	0.93
0217	17 l/h at 2 bar	4.49 GPH at 29 PSI	6 x 8	6 x 8 (PE)	1.57
0116	16 l/h at 1 bar	4.22 GPH at 14 PSI	6 x 8	6 x 8 (PE)	1.48

SELF VENTING DOSING PUMP

VMSMFA....	Flow		Delivery Hose PE	Suction Hose	cc per stroke
2005	0.5 l/h at 20 bar	0.13 GPH at 290 PSI	4 x 8	4 x 8	0.05
1802	2 l/h at 18 bar	0.52 GPH at 261 PSI	4 x 8	4 x 8	0.19
1503	3 l/h at 15 bar	0.79 GPH at 217 PSI	4 x 6	4 x 6	0.28
1501	1 l/h at 10 bar	0.26 GPH at 217 PSI	4 x 6	4 x 6	0.1
1034	3.4 l/h at 10 bar	0.89 GPH at 145 PSI	4 x 6	4 x 6	0.32
1007	7 l/h at 10 bar	1.84 GPH at 145 PSI	4 x 6	4 x 6	0.65
1002	2 l/h at 10 bar	0.52 GPH at 145 PSI	4 x 6	4 x 6	0.19
0704	4 l/h at 7 bar	1.05 GPH at 101 PSI	4 x 6	4 x 6	0.37
0575	7.5 l/h at 5 bar	1.98 GPH at 72 PSI	4 x 6	4 x 6	0.7
0509	9 l/h at 5 bar	2.37 GPH at 72 PSI	4 x 6	4 x 6	0.84
0455	5.5 l/h at 4 bar	1.45 GPH at 58 PSI	4 x 6	4 x 6	0.51
0307	7 l/h at 3 bar	1.84 GPH at 43 PSI	4 x 6	4 x 6	0.65
0213	13 l/h at 2 bar	3.43 GPH at 29 PSI	6 x 8	6 x 8 (PE)	1.2
1135	13.5 l/h at 1 bar	3.56 GPH at 14 PSI	6 x 8	6 x 8 (PE)	1.25



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