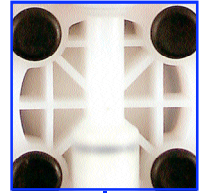




V Series. Electronic Metering Pump



- ◆ **Supplied With Accessories**
- ◆ **Low Cost Effective Dosing**
- ◆ **Wide range of Outputs**
- ◆ **Fitted Priming Valve**
- ◆ **Adjustable Output**
- ◆ **External Pacing**
- ◆ **Wall Mounting**
- ◆ **IP 65 Rating**



The V series of electromagnetic dosing pump are designed for mounting on a flat vertical surface either above a chemical drum or on our flooded suction tank stands.

The pumps have a fixed stroke length. The output being control adjustable by the number of strokes the pump makes.

Three solenoids sizes are used which provide a range of flow and pressure outputs. Two model ranges are available.

The VCO model range, which is a basic pump with an on/off control and the pump output is manual selectable by a control knob scaled 0 – 100%.

The VMS-MF digital multi function pump is menu driven which allows various control options to be selected. The pump can simply be set to a precise output in either litres or a number of strokes per minute, be controlled by a volt free external contact (external pacing) i.e. flow contacting head water meter with a multiple or divide function by up to 999. Also the pump can be programmed to dose at a preset ppm ratio to the flow i.e. 2 ppm.

To provide a batch dose of a preset amount and stop. The output can also be selected to be proportional to an electronic signal of voltage or a 0 – 20mA current signal. To prevent the pump running dry there is a low level float switch input which stops the pump. Also available on special order are pumps with either a pH input or Redox mV input from their appropriate electrode.

The V series pump range are manufactured in a glass filled polypropylene housing to provide weatherproof protection to IP65. Each pump is supplied with foot valve/strainer assembly, injection valve fitting, a short length of soft PVC suction hose and rigid LDPE dosing hose, Mains supply single phase 240 volt.

Specifications

Liquid End Materials

Pump Head

Diaphragm

Valves

Valve Housings

Seals & "O" Rings

Suction Tubing

Delivery Hose

Frequency

Power supply

Power consumption

Weight

Weatherproof Protection

V Series Dosing Pumps

Polypropylene option for PVDF

PTFE.

Ceramic option for PTFE

Polypropylene option for PVDF

Viton(FP) or Dutral (EP)
Similar to EPDM. others to order

Soft PVC

Rigid LDPE. option for PVDF

180 Strokes / minute max.

190 - 265 volt AC.
Others to order

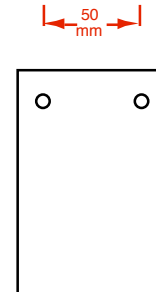
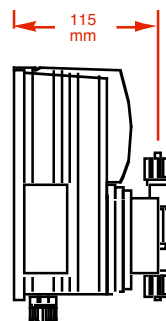
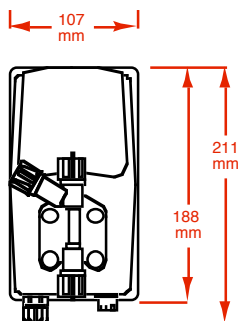
22 watts max (depends on model)

2.2 Kg

Designed to meet IP65

Dosing Pump Outputs							
Model Number	Flow Litres/Hr.	Pressure Bar	Speed Strokes/Min	Output mls/Stroke	Hose Size mm	Power Watts	Shipping weight Kg.
VCO 20 - 01	1	20	180	0.09	4 X 8	16	2.2
VCO 10 - 04	4	10	180	0.37	4 X 6	16	2.2
VCO 04 - 08	8	4	180	0.74	4 X 6	16	2.2
VCO 10 - 10	10	10	180	0.93	4 X 6	22	2.2
VMS 20 - 01	1	20	180	0.09	4 X 8	16	2.2
VMS 10 - 04	4	10	180	0.37	4 X 6	16	2.2
VMS 04 - 08	8	4	180	0.74	4 X 6	16	2.2
VMS 10 - 10	10	10	180	0.93	4 X 6	22	2.2

Dimensions



Mounting Details
Two Holes 6mm Ø

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AWE

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