

# RDP

Red Dosing Pumps.

AT-AM Series.

Electronic Metering Pump



- ◆ Flow Rates 1 to 60 L/Hr.
- ◆ Pressures Up to 20 Bar
- ◆ Fitted Priming Valve
- ◆ Adjustable Output
- ◆ IP 65 Rating
- ◆ Switch Mode Power Supply
- ◆ Supply 100 - 240 VAC
- ◆ External Pacing Control
- ◆ Control by 4-20mA signal
- ◆ Low Chemical Level cutout

The AT-AM series of red electronic dosing pumps "RDP" feature selectable configuration for manual control with two scales either 0 – 20% or 0 – 100% of the pump output.

Auto control when selected maybe either an external pacing input from volt free contact closure with the ability to either multiply or divide the number of strokes the pump makes per input pulse.

A 4–20 mA signal controls the pump speed proportional to the magnitude of the current input.

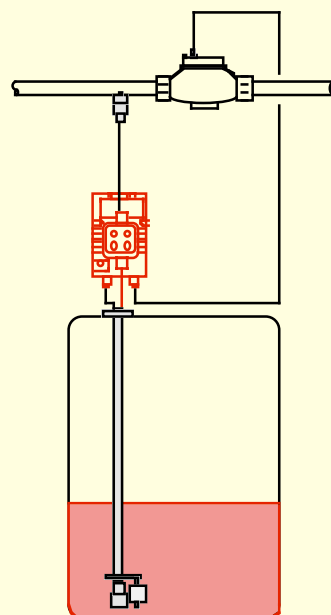
The pumps outputs range from 0 - 1.5 L/Hr to 0 - 60 L/Hr and are fitted with PVC heads and ceramic ball valves with either EPDM or Viton "O" rings and seals to be specified when ordering.

For greater chemical resistance when dosing concentrated reagents optional PVDF heads are available.

The AT-AM series has the added feature of a low chemical level input, when fitted with the optional low level float switch the pump will stop dosing when the chemical reagent runs out.

A wide range of other accessories is also available to compliment our RDP range of dosing pumps please call our sales hotline.

## Typical Application



Control by external pacing from water meter or 4 - 20 mA control signal. Dosing tank fitted with optional suction lance assembly with low level float switch.

## Specifications

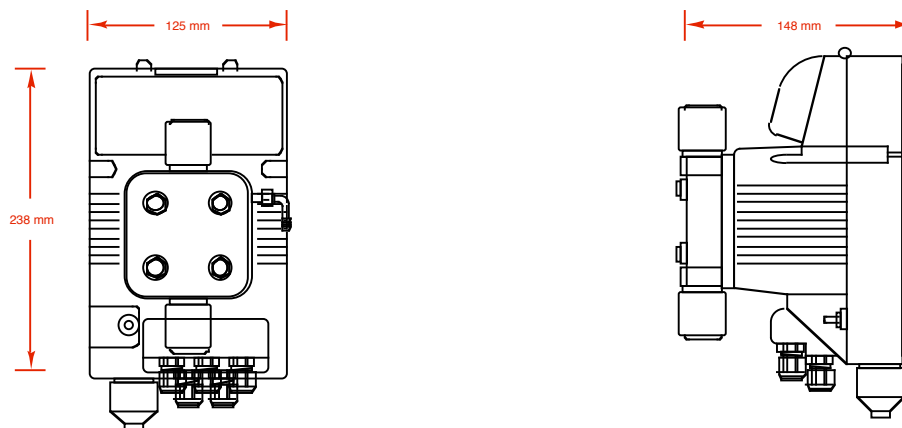
Liquid end Materials pump head  
 Diaphragm  
 Valves  
 Valve housings  
 Seals & "O" Rings  
 Suction tubing  
 Delivery hose  
 Power supply  
 Frequency control  
 Low Level control  
 Weatherproof protection

## AT-AM Series Dosing Pumps

PVC or PVDF  
 PTFE.  
 Ceramic  
 PVC or PVDF  
 Viton(FP) or Dutral (EP)  
 Similar to EPDM. others to order  
 Soft PVC  
 Rigid LDPE.  
 100 to 240 VAC  
 External pacing by VFC or 4 - 20mA selectable.  
 Via optional low level float switch  
 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.
AT1.AM 20 - 015	1.5	20.0	120	0.21	4 X 6 / 7	15	3.0
AT1.AM 18 - 02	2.0	18.0	120	0.28	4 X 6 / 7	15	3.0
AT2.AM 12 - 03	3.0	12.0	160	0.31	4 X 6	15	3.0
AT2.AM 10 - 04	4.0	10.0	160	0.42	4 X 6	15	3.0
AT2.AM 08 - 05	5.0	8.0	160	0.52	4 X 6	15	3.0
AT2.AM 02 - 08	8.0	2.0	160	0.83	4 X 6	15	3.0
AT3.AM 16 - 07	7.0	16.0	300	0.39	4 X 6	25	4.0
AT3.AM 10 - 10	10.0	10.0	300	0.55	4 X 6	25	4.0
AT3.AM 08 - 14	14.0	8.0	300	0.78	4 X 6	25	4.0
AT3.AM 02 - 18	18.0	2.0	300	0.89	4 X 6	25	4.0
AT4.AM 05 - 20	20	5.0	300	1.11	8 X 12	25	4.0
AT4.AM 03 - 30	30	3.0	300	1.22	8 X 12	25	4.0
AT4.AM 02 - 40	40	2.0	300	1.94	8 X 12	25	4.0
AT4.AM 01 - 60	60	0.5	300	3.33	8 X 12	25	4.0

## Dimensions



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# AWE

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