

# RDP

Red Dosing Pumps.

AT-BL Series.

Electronic Metering Pump



- ◆ Flow Rates 1 to 60 L/Hr.
- ◆ Pressures Up to 20 Bar
- ◆ Supplied With Accessories
- ◆ Fitted Priming Valve
- ◆ Adjustable Output
- ◆ IP 65 Rating
- ◆ Switch Mode Power Supply
- ◆ Supply 100 - 240 VAC
- ◆ Surface Mounting  
Optional Foot Mounting Bracket
- ◆ Low Chemical Level

The AT-BL electronic dosing pumps are an addition to our range of red electronic dosing pumps "RDP". 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 and we are able to offer PTFE ball valves for solutions which are not compatible with ceramic.

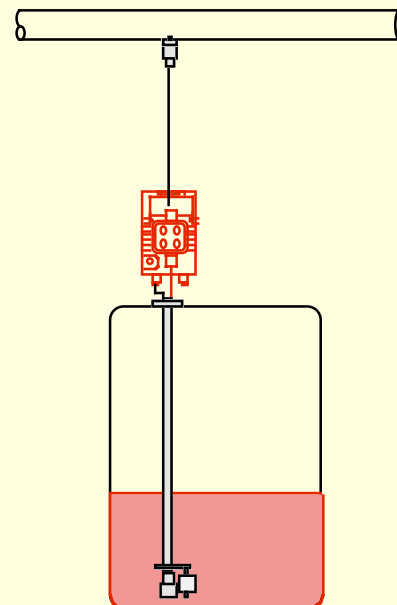
The pumps provide a constant flow which is manually adjustable by a control dial with scale of 0 - 100% of the pumps rated output.

The AT-BL 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.

Hose connections are either 4 x 6 mm or 8 x 12 mm LDPE low density polyethylene hose making the pumps easily interchangeable with our existing pumps already installed.

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

## Typical Application



Dosing tank fitted with optional suction lance assembly with low level float switch

## Specifications

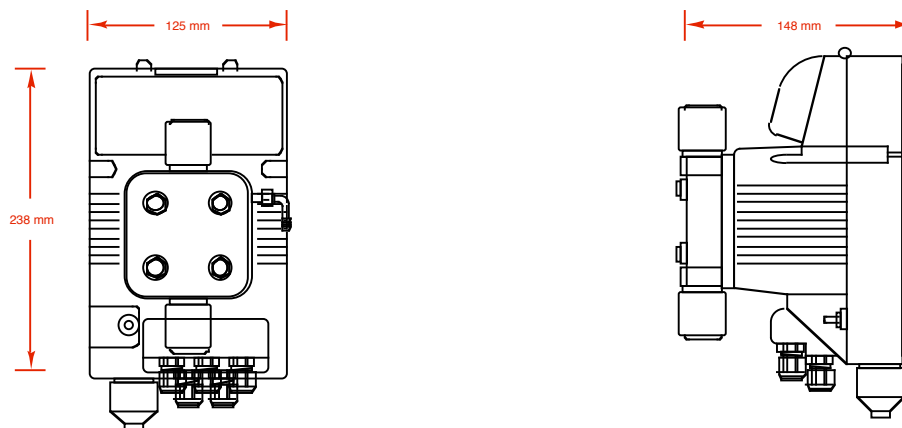
Liquid End Materials Pump Head  
 Diaphragm  
 Valves  
 Valve Housings  
 Seals & "O" Rings  
 Suction Tubing  
 Delivery Hose  
 Power supply  
 Low Level Control  
 Weatherproof Protection

## AT-BL 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  
 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.BL 20 -015	1.5	20.0	120	0.21	4 X 6 / 7	15	3.0
AT1.BL 18 - 02	2.0	18.0	120	0.28	4 X 6 / 7	15	3.0
AT2.BL 12 - 03	3.0	12.0	160	0.31	4 X 6	15	3.0
AT2.BL 10 - 04	4.0	10.0	160	0.42	4 X 6	15	3.0
AT2.BL 08 - 05	5.0	8.0	160	0.52	4 X 6	15	3.0
AT2.BL 02 - 08	8.0	2.0	160	0.83	4 X 6	15	3.0
AT3.BL 16 - 07	7.0	16.0	300	0.39	4 X 6	25	4.0
AT3.BL 10 - 10	10.0	10.0	300	0.55	4 X 6	25	4.0
AT3.BL 08 - 14	14.0	8.0	300	0.78	4 X 6	25	4.0
AT3.BL 02 - 18	18.0	2.0	300	0.89	4 X 6	25	4.0
AT4.BL 05 - 20	20	5.0	300	1.11	8 X 12	25	4.0
AT4.BL 03 - 30	25	4.0	300	1.22	8 X 12	25	4.0
AT4.BL 02 - 40	35	3.0	300	1.94	8 X 12	25	4.0
AT4.BL 01 - 60	60	0.5	300	3.33	8 X 12	25	4.0

## Dimensions



March 2011



**Automated Water & Effluent Ltd**

AWE House Antom Court, Tollgate Drive, Beaconside, Stafford, ST16 3AF UK.

Tel: 01785 254597 Fax: 01785 257724

www.awe-ltd.co.uk email sales@awe-ltd.co.uk