



## BT SOLENOID DOSING PUMPS

---

The BT Series is a wall mounted dosing pumps with analog and microprocessor control. Aluminium body with two layer epoxy coated paint and protected control panel by transparent polycarbonate cover.

Flow rates from 30 to 80 l/Hr up to 20 Bar.

Extensive fields of application: Chemical industries, paint and varnish industries, agricultural, water treatment systems, waste treatment, etc.



### TECHNICAL FEATURES

Flow Rate:	From 1 to 80 L/H
Maximum Pressure:	20 Bar
Power Supply:	240v standard
Stroke Rate:	180 impulses/minute maximum
Pump Head:	PP or PVDF with lip or ceramic ball valves; Auto-bleed options available; PVC with ceramic ball valves for 50-80 L/H
Diaphragm:	PTFE
Installation Kit:	PP or PVDF Injection Valve, Foot Filter, 2m each of suction/ discharge tubing, screws & plugs for wall mounting

### BT MODELS

MA/AD	Analogue manual dosing with dual scale adjustment (0 - 20% & 0 - 100%); Optional level alarm
MF	Digital manual control (0 - 100%); Proportional dosing control with pulse multiplier (1xN), pulse multiplier with memory (1xN- M) and pulse divider (1/N); 4-20 mA proportional control; Level alarm; Timer; Alarm output relay
pH-Rx-Cl/M	Integral pH, Redox and Chlorine (PPM) control; 0 - 14 pH measuring range; - 1000 - +1400 mV Redox measuring range; 0 - 2, 0 - 20 or 0 - 200 PPM measuring range; 4-20 mA output; alarm relay output; Level alarm

---

# BT SOLENOID DOSING PUMPS

## PUMP TECHNICAL DETAILS\*

Model	Flow rate (L/H)	Max pressure (Bar)	Injection volume (ml)	Max injection frequency (imp/minute)	Tubing (IDxOD mm)	Power supply
20-5	20	5	2.08	160	4x6	240v, 50Hz
30-4	30	4	2.8	180	10x14	240v, 50Hz
50-3	50	3	4.6	180	10x14	240v, 50Hz
80-1	80	1	7.4	180	10x14	240v, 50Hz

\*The figures above are based on dosing water at 20°C

## FLOW RATE / PRESSURE CHARTS

