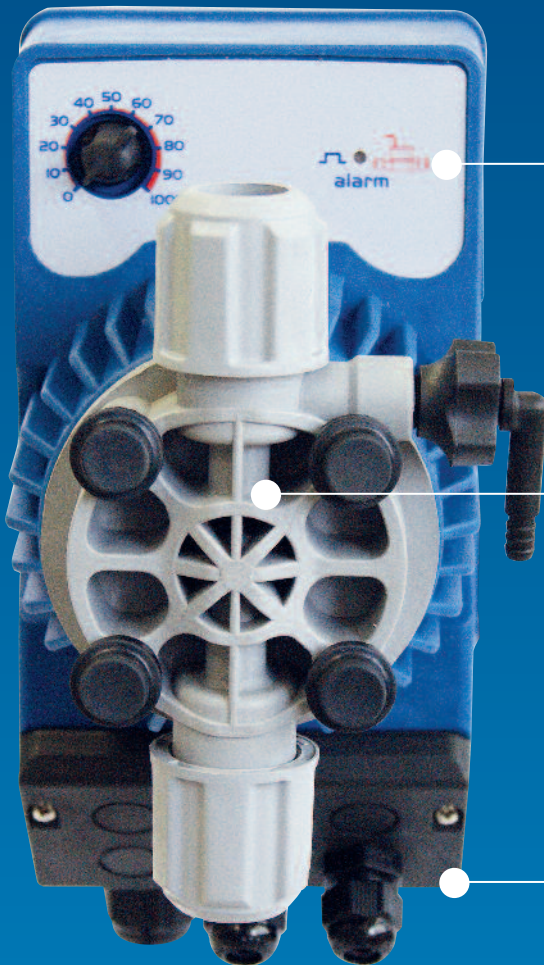


kompact

analogue solenoid dosing pumps

It is a simple yet reliable series of micro-processor based analogue solenoid dosing pumps.



DOSING MODE

The pump head has a manual priming valve.

The flow rate is manually or automatically (by signal input) adjustable from 0 (pump stop) to 100% of the max flow rate. Moreover it is equipped with the low level alarm to stop or not the pump.

LONG LIFE DIAPHRAGM TESTED TO GIVE "FIVE YEARS" WORKING LIFE

- The advanced design and manufacturing process allows the diaphragm to have a unique life expectancy
- Made of pure solid PTFE, the diaphragm is compatible with most chemicals
- The diaphragm has been tested over a period of 5 years giving superior results
- Routine diaphragm replacement is no longer a requirement

WALL-MOUNTED

Kompact pump can be fixed on wall by fixing bracket provide with the pump or top of drums by the optional foot fixing bracket.



compact analogue solenoid dosing pumps



Constant flow rate manually adjustable by control dial on the front panel, two flow rate range:

- 0÷20% with switch in P position,
- 0÷100% with switch in C position, Power-ON led indicator and level control input.

OPERATION STATE LED

- STEADY GREEN LED** switches off with every stroke that the pump runs
- FLASHING GREEN LED** with the potentiometer to 0
- STEADY RED LED** switches on with alarm

MATERIALS USED IN THE PUMP HEAD

- BODY** PVC
- BALL VALVES** Ceramic
- SEAT VALVE** FPM/EPDM
- DIAPHRAGM** FULL PTFE

The parts in contact with the liquid have been chosen in order to guarantee perfect compatibility with most chemical normally in use.

TECHNICAL FEATURES

- FLOW RATES** 120 p.s.i. @ 1.3 GPH
145 p.s.i. @ 0.8 GPH
- POWER SUPPLY** 100÷240 Vac 50/60 Hz (*)
- STROKE RATE** 160 strokes/minute
- ENCLOSURE** PP protection degree IP65
- INSTALLATION KIT** in PP included



Injection valve



Foot filter



Fixing Bracket

AML Constant dosing

TECHNICAL SPECIFICATIONS

Model	Pressure [p.s.i.]	Flow rate [GPH]	Stroke capacity [cc/stroke]	Ø Connections IN / OUT [mm]	Frequency max [stroke/min]
200	120	1.3	0.52	1/4 "	160
	145	0.8	0.31		
Pump Head materials	Type	Body Pump	Balls	Seat valve	Diaphragm
	P	PVC	Ceramic	FPM - EPDM	FULL PTFE
Enclosure	Materials	Protection degree	Power supply	100÷240 Vac 50/60 Hz (*)	
	PP	IP65		Consumption 14 W	

(*) with reduced power consumption as the solenoid only draws the required power to activate the pump, based on the working conditions