

teknaEVO

electromagnetic dosing pump



Rational

only 5 models, only PVDF, all functions in one pump.

THE EVOLUTION OF ELECTROMAGNETIC PUMPS

- **5 models** to meet the needs of dosage from 0.4 to 54 l/h with a maximum pressure of 20 bar.
- **1 housing:** it is possible to provide the facilities and select the pump independently the characteristic necessary hydraulic
- **multi-voltage electric power** stabilized 100 to 240 Vac 50/60 Hz low absorption

Models	Flow
500, 600, 603, 800	from 0,4 to 20 l/h
803	from 20 to 54 l/h

Wide compatibility

the pump PVDF and ceramic balls are standard



- PVDF is suitable for most of the chemicals used in the industrial applications, in the treatment of water and in water purification.
- The ceramic balls improve the reliability of the assay and the chemical compatibility.

Reduced maintenance

diaphragm of long duration, with 5 years of life tested



- The special design and the production process allow the diaphragm to have an extraordinary resistance
- Made of pure PTFE, the diaphragm is compatible with all chemicals
- The diaphragm was tested in the field and in the laboratory, for a period of 5 years with excellent results
- The periodic replacement of the diaphragm is no longer required

Simple programming

programming menu, new concept



- The programming functions are described in full in 5 languages
- Once a function is selected, the pump will only display the parameters related to that specific function

model AKL - constant dosage

Analogue dosing pump with constant flow rate adjustment by knob on the front panel, pulse divider (0 to 20 or 0% to 100%), LED indicator working pump.

modello APG - proportional dosage

Analogue dosing pump with constant manual adjustment, digital signal proportional to (counter) or analog signal (4 to 20 mA):

- Adjustment knob (% e "n" value in multiplication)
- Selection button 6 positions:
 - three division (1, 4, 10 = n)
 - a multiplication (n = 1)
 - a proportional (4÷20 mA)
 - a constant function
- Function "pacing" can be set by dip-switches

model ATL - timer dosage

Analogue dosing pump with constant manual adjustment, and timed dosing with double adjustable T on-T off.

- 3 knobs (flow rate, regulation on T - T setting off)

Digital version

model TPG - proportional dosage

Analogue dosing pump with constant flow rate adjustment by knob on the front panel, pulse divider (0 to 20 or 0% to 100%), LED indicator working pump.

model TPR - proportional dosage

Electromagnetic pump with tool pH / ORP.

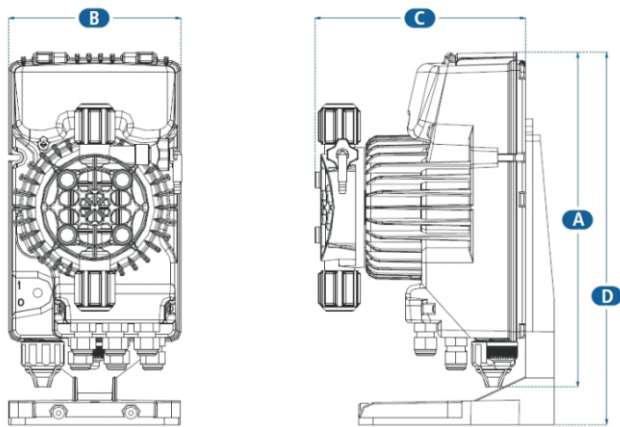
- Digital interface with constant dosage or proportional to the measured pH or Rx
- Input for probe PT100 (termo-compensation)
- Relay repeat alarm
- Input On-Off (remote control)
- output 4÷20 mA for repeat measurement

model TCK - timer dosage

Dosing pump constant or timed.

- Programmable time delay relay for voltage free contact

Dimensions



The image displays two technical line drawings of a dosing pump. The left drawing is a front view, showing a circular central component with multiple ports and a rectangular frame. A dimension line labeled 'B' indicates the width of the frame. The right drawing is a side view, showing the pump's profile, including a large cylindrical component and a mounting bracket. Dimension lines are labeled 'A' for the overall height, 'C' for the depth of the main body, and 'D' for the height of the mounting bracket.

Model	A (height) [mm]	B (width) [mm]	C (depth) [mm]	D (maximal height) [mm]
600	231	119	145	257
603				
800				
803			149	