

Maxima Evo

Foot mounting solenoid driven
dosing pumps



innovation > technology > future



Maxima **Evo**

Foot mounting solenoid driven dosing pumps

Just 5 Models,
Just PVDF,
All functions in
one pump

■ **5 models** that cover 0,4 to 54 l/h with an output pressure up to 20 Bar

■ **1 Casing** allows skids to be pre-constructed, as the fixing points remain constant, and the pumps can be selected on confirmation of the dosing flow

Inventory Reduction
Reduce spares stock holding

PVDF pump head
and ceramic ball
valve as standard

■ **PVDF** is suitable for almost all chemical used in the Industrial, Waste Water Treatment and potable Water applications

■ The use of **Ceramic balls** as standard improves the pumping reliability and the chemical compatibility of the whole liquid end

Full chemical compatibility

Long life
diaphragm tested
to give 5 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

Reduced maintenance
Full chemical compatibility

Model	Flow rate	Pressure
500 600 603 800	from 0,4 to 20 l/h	from 20 to 1 bar
803	from 20 to 54 l/h	from 5 to 0,1 bar

Analogue range

Stabilized Multi Power Supply 100÷240 Vac 50/60 Hz with reduced consumption

■ Reduced power consumption as the solenoid only draws the required power to activate the pump, based on the working conditions

Stable dosing performance:
improve pump efficiency as performance is not affected by power supply fluctuations

Reduce inventory holding

A new concept of programming menu

■ Programming menu are self explanatory and available in 5 languages

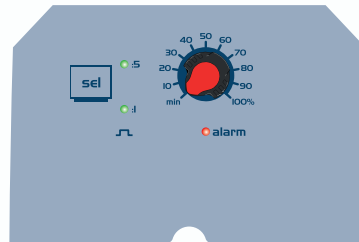
■ **Intelligent Display**, once a function is selected the pump will only display the parameters to set, which are linked to the selected function

Reduced programming time



MKL *with constant dosage*

Analogue dosing pump with constant flow rate manually adjustable by control dial on the front panel, two frequency range (0÷20% or 0÷100%), Power-ON led indicator and level control input.

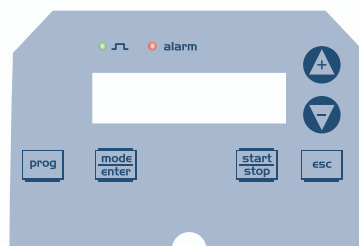


MAG *with proportional dosage*

Analogue dosing pump with constant flow rate manually adjustable, proportional flow rate according to an external analog (4÷20 mA) or digital pulse signal (e.g. from water meter).

- Control dial (percentage and "n" value in multiplication mode)
- 6 position adjustable switch:
 - 3 in division mode (1, 4, 10 = n)
 - 1 in multiplication mode (n=1)
 - 1 for proportional 4÷20 mA signal
 - 1 for constant functionality
- "pacing" function adjustable by dip switch

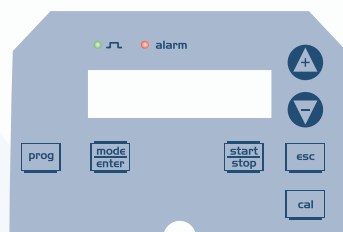
Digital range



MPG *with proportional dosage*

Digital dosing pump with constant flow rate manually adjustable, proportional flow rate according to an external analog (4÷20 mA) or digital pulse signal (e.g. from water meter).

This digital version of the **MAG**, includes additional characteristics: Timer function, ppm dosing, statistics, password and On/Off input (remote switch).



MPR *with proportional dosage*

Digital dosing pump with pH/Redox control meter built in.

- Digital interface for constant or proportional dosing, depending on the measured pH or Rx value
- PT100 probe input for thermal compensation
- Repetition alarm relay
- Input On-Off for remote control
- 4÷20 mA output for measure transmission