

Diaphragm Metering Pumps

INNOVATIVE
TECHNOLOGY
WORLDWIDE



STEPDOS 08 Chemically-resistant Diaphragm Metering Pumps, Processor controlled

Technical features:

- Maintenance-free
- Silent
- Even discharge over the entire travel range
- Suitable for virtually any chemicals
- Reproducibility +/- 1%

Metering Pumps STEPDOS 08: FEM 08 __.18/S, FEM 08 __.18/RC

The chemically-resistant, microprocessor-controlled series FEM 08__18/S and FEM 08__18/RC diaphragm metering pumps meter the smallest volumes continuously and evenly. Thanks to a special drive technology, these pumps feature a remarkably wide metering range of 1:1000.

Material in contact with the pumped media

Type	Pump head	Diaphragm	Valves
FEM 08 KT.18/S	PP	PTFE-coated	FFPM
FEM 08 TT.18/S	PVDF	PTFE-coated	FFPM
FEM 08 KT.18/RC	PP	PTFE-coated	FFPM
FEM 08 TT.18/RC	PVDF	PTFE-coated	FFPM

Technical data:

Flow rate ¹⁾	0.08-80 ml/min.
Pressure head	2 bar
Suction head	4 m
Connectors	for tube 4/6mm
Mains	100-230 V 50/60 Hz
Permissible liquid temperature	5-80 °C
Permissible ambient temperature	5-40 °C
Weight	1.4 kg
Housing	IP 65 (splash proof)
Dimensions (LxHxW)	180/115/81 mm

¹⁾ Water at 20°C and zero pressure head

S version (manual control):

Operation is manual using a keypad.

- **Run Mode:** - For continuous metering
- **Dispense Mode:** - Metering according to volume
- Metering according to time
- Repeated metering with adjustable pause time
- **Rapid suction feature**

RC version (manual or external control):

The RC version incorporates all the functions of the S version and can also be controlled externally via analog or digital signals (PC-compatible).

External control:

- **Analog signals:** 0/4 - 20 mA, 0 - 10 V
- **Digital signals:** RS 232, RS 485 (cable and software are included)
- **Pulse input point:** logic input I/01, I/02

Accessories

Description	Details	Order No.
Cable for external control	2 m (without connector)	063959
Foot switch		069875

