

DOSING PUMP FOR LIQUIDS

SIMDOS 10



- Simple and intuitive operation
- Easy calibration
- Adaptable to fluid characteristics
- Self priming, can run dry
- Analog and impulse control (RC)
- Splashproof IP65S
- Small footprint

Fields of application

- Chemistry
- Synthetic organic chemistry
- Pharmacology
- Solvents for adhesives and glue
- Polymers & polymer coating
- Food technology research
- Detergents



Hydraulic data

Flow rate	Dosing volume	Suction height	Max pressure
1 - 100 ml/min	1 - 999 ml	3 mWg	6 bar

Chemical resistance

Code	Pump head	Diaphragm	Valves	Filter
KT	PP	PTFE covered	FFKM Kalrez®	PEEK
TT	PVDF	PTFE covered	FFKM Kalrez®	PVDF
FT	PTFE	PTFE covered	FFKM Kalrez® *	PEEK
ST	STAINLESS STEEL	PTFE covered	FFKM Kalrez®	PEEK

*On request FFKM Chemraz®

Functions

S Version	RC Version	RCP Version
<ul style="list-style-type: none"> • Manual operation 	<ul style="list-style-type: none"> • Manual operation • Analog control: 0-5 V, 0-10 V, 0-20 mA, 4-20 mA, from 1 to 100% • Start/Stop through logic control (TTL) 	<ul style="list-style-type: none"> • Reset/Prime through logic control (TTL) • Output signal fault alarm • Cable for external control included • Same as RC • Plus RS 232

Technical data

- Main supply 100 - 240 V / 50 - 60 Hz
- Allowed ambient temperature +5 to +40° C
- Allowed liquid temperature +5 to +80° C
- Maximum viscosity allowed 150 cSt
- Accuracy +/-2% (nominal value)
- Repeatability +/-1%
- Power consumption 24 W
- Protection class IP65
- Dimensions: 150 x 93 x 144 mm
- Weight: 0.9 kg
- Hydraulic connection: compression fittings for 4/6 mm tube