DOSING PUMP FOR LIQUIDS

SIMDOS 02

- Simple and intuitive operation
- Easy calibration
- Cycle mode
- Adaptable to fluid characteristics
- Self priming, can run dry
- Analog and impulse control (RC)
- Splashproof IP65
- Small footprint

Fields of application

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

Hydraulic data

Flow rate	Dosing volume	Suction height	Max. pressure
30 µl/min–20 ml/min	30 µl–999 ml	2 mWg	6 bar

Chemical resistance

Code	Pump head	Diaphragm	Valves	Filter[1)]
KT	PP	PTFE covered	FFKM Kalrez®	PEEK
TT	PVDF	PTFE covered	FFKM Kalrez®	PVDF
FT	PTFE	FFKM	FFKM Kalrez® *	PEEK
ST	STAINLESS STEEL	PTFE covered	FFKM Kalrez® *	PEEK

* On request FFKM Chemraz®

1) material for housing and filter mesh

Functions

S Version	RC Version		RC Plus Version
• Manual operation	• 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)	• Reset/Prime through logic control (TTL) • Output signal fault alarm • Cable for external control included	• Same as RC • Plus RS 232

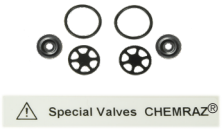
Technical data

- Main supply 100–240 V / 50–60 Hz
- Ambient temperature allowed +5 to +40 °C
- Liquid temperature allowed +5 to +80 °C
- Maximum viscosity allowed 150 cSt
- Accuracy +/-2% (nominal value)
- Repeatability +/-1%
- Power consumption 10 W
- Protection class IP65
- Dimensions: 150 x 93 x 144
- Weight: 0.9 kg
- Hydraulic connection UNF 1/4"-28

ACCESSORIES

Valves kit

	ID-Nr.
Chemraz® special valves for certain chemicals	164984



Diaphragm pressure control valve with support when the feeding tank is above the pump

	ID-Nr.
Kit JFDV 30 KTZ	166286
Kit JFDV 30 TTZ	166287
Kit JFDV 30 FTZ	166288

Filter

Typ	Material[1)]	Connector	ID-Nr.
FS 60 T	PVDF	UNF 1/4"-28	165210
FS 60 X	PEEK	UNF 1/4"-28	323625 (1 pc)
FS 60 X	PEEK	UNF 1/4"-28	323626 (10 pcs)

1) material for housing and filter mesh

Connection tube

	ID-Nr.
Tube 1/16“ with connector UNF 1/4"-28, 1 m for fine dosing	166335

Mounting plate

	ID-Nr.
for wall mounting	160473

Standfitting

	ID-Nr.
for retort stand	160474

Footswitch

	ID-Nr.
for impulse start and stop	155872

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