DOSING PUMP FOR LIQUIDS

- ▷ 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[1]
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®
[1] material for housing and filter mesh

Functions

S Version	RC Version		RCP 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
- 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

ACCESSORIES

Valves Kit

	ID-Nr.
Chemraz® special valves for certain chemicals	168037

⚠ Special Valves CHEMRAZ®

Diaphragm pressure control valve with support when the feeding tank is above the pump or to dose into vacuum

	ID-Nr.
Kit FDV 30 KTZ	166283
Kit FDV 30 TTZ	166284
Kit FDV 30 FTZ	166285

Filter

Typ	Material[1]	Connector	ID-Nr.
FS 25 T	PVDF	for tubes ID 3.2 and 4 mm	165211
FS 25 X	PEEK	for tubes ID 3.2 and 4 mm	165213

[1] material for housing and filter mesh

Pulsation damper only use in continuous transfer mode from 30 to 100 ml/min

	ID-Nr.
FPD 10 KT SIMDOS	167817
FPD 10 TT SIMDOS	167818
FPD 10 FT SIMDOS	167819

Mounting plate

	ID-Nr.
for wall mounting	160473

Standfitting

	ID-Nr.
for retort stand	160474

Footswitch

	ID-Nr.
for impulse start and stop	155872

Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.