DOSING PUMP FOR LIQUIDS

▷ 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

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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	346932 (1 pc)
FS 60 T	PVDF	UNF 1/4"-28	346933 (10 pcs)
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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