

Simdos 02



- Simple and intuitive operation
- Easy calibration
- 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
- Pharmacy
- Adhesives and glue
- Polymers & polymer coating
- Food technology research
- Detergents

Hydraulic data

Flow rate	Dosing volume	Suction height	Max pressure
100 µl - 20 ml/min	100 µl - 999 ml	2 mWg	6 bar

Chemical resistance

Code	Pump head	Diaphragm	Valves
KT	PP	PTFE covered	FFKM Kalrez®
TT	PVDF	PTFE covered	FFKM Kalrez®
FT	PTFE	PTFE covered	FFKM Kalrez® *

*On project FFKM Chemraz®

Functions

S - Version	RC - Version	
<ul style="list-style-type: none"> • Manual operation 	<ul style="list-style-type: none"> • Manual operation • Analog control: 0-10 V, 0-20 mA, 4-20 mA, from 0 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

Technical data

<ul style="list-style-type: none"> • 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% 	<ul style="list-style-type: none"> • Power consumption 10 W • Protection class IP65 • Dimensions: 140 x 87 x 130 mm • 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



Special Valves CHEMRAZ®

Diaphragm pressure control valve with support

	ID-Nr.
Kit FT when the feeding tank is above the pump	165719



Filter

Typ	Material	Connector	ID-Nr.
FS 60 T	PVDF	UNF 1/4"-28	165210
FS 60 X	PEEK	UNF 1/4"-28	165212



Connection tube

	ID-Nr.
Tube 1/16" with connector UNF 1/4"-28, 1 m for fine dosing	165261



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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