

Chemically Resistant Diaphragm Dosing Pumps SIMDOS®, KNF Neuberger



Chemically-resistant diaphragm dosing pumps

- Application: dosing of fluids
- Delivery rate 0.03 to 100 ml/min / pressure height 60 mWC, suction height 2 mWC or 3 mWC
- Pump head available either in material version PP, PVDF, or PTFE
- Diaphragms PTFE-coated, valves of FFKM
- Delivery rate adjustable either manually (Version S) or manually and via external control, and including interface RS 232 (Version RC)
- Additional safety diaphragm for maximum protection
- Comfortable change of the delivery diaphragm: Simply enable the maintenance command stored in the operation program

Benefits:

- Intuitive operation, easy calibration
- Can be set according to the fluid characteristics
- Repeatability / reproducibility $\pm 1\%$
- Self-priming and dry run protected
- Hose-proof IP65
- Small overall size

Technical data:

Flow rate:	0.03 to 20 ml/min (SIMDOS 02) 1 to 100 ml/min (SIMDOS 10)
Pressure height:	60 mWS
Suction height:	2 mWS (SIMDOS 02) 3 mWS (SIMDOS 10)
Permissible media temperature:	+5 to +80°C
Permissible ambient temperature:	+5 to +40°C
Weight:	0.9 kg
Dimensions WxHxD:	93 x 144 x 150 mm
Pump head:	optionally PP, PVDF or PTFE
Diaphragm:	PTFE
Valves:	FFKM



Article	Type	Pump head	Order No.
SIMDOS® 02	FEM 1.02 KT.18 S	PP	10 62 71281
SIMDOS® 02	FEM 1.02 TT.18 S	PVDF	10 62 71282
① SIMDOS® 02	FEM 1.02 FT.18 S	PTFE	10 62 71283
SIMDOS® 02	FEM 1.02 KT.18RCP	PP	10 62 75467
SIMDOS® 02	FEM 1.02 TT.18RCP	PVDF	10 62 76467
① SIMDOS® 02	FEM 1.02 FT.18RCP	PTFE	10 62 77467
② SIMDOS® 10	FEM 1.10 KT.18 S	PP	10 62 71181
SIMDOS® 10	FEM 1.10 TT.18 S	PVDF	10 62 71182
SIMDOS® 10	FEM 1.10 FT.18 S	PTFE	10 62 71183
② SIMDOS® 10	FEM 1.10 KT.18RCP	PP	10 62 71184
SIMDOS® 10	FEM 1.10 TT.18RCP	PVDF	10 62 71185
SIMDOS® 10	FEM 1.10 FT.18RCP	PTFE	10 62 71186

Accessories for chemically-resistant diaphragm dosing pumps

Article	Order No.
Tripod holder (without tripod and without tripod clamp)	10 62 70474
Wall mount	10 62 70473
Foot switch start/stop for RC(P)-version	10 62 75872
In-line filter FS 60 T PVDF, mesh size 70 µm, SIMDOS® 02	10 62 75210
In-line filter FS 60 X PEEK, mesh size 70 µm, SIMDOS® 02	10 62 75212
In-line filter FS 25 T PVDF, mesh size 70 µm, SIMDOS® 10	10 62 75211
In-line filter FS 25 X PEEK, mesh size 35 µm, SIMDOS® 10	10 62 75213

