

Simdos®

The easy dosing pump for liquids



First class pumps for first class science
www.knflab.com

Simdos®

The easy way to dose aggressive and neutral liquids



- Simple and intuitive operation
- Easy calibration
- Able to run dry
- Self priming up to 3mWg
- Adaptable to fluid characteristics
- Splashproof IP65
- Virtually maintenance free
- Analog and impulse control (RC)
- Small footprint

Type	Flow rate (ml/min)	Dosing volume (ml)	Suction head (mWg)	Max pressure head (mWg)
SIMDOS® 10	1-100	1-1000	3	60

- Main supply99/264V / 50-60Hz
- Allowed ambient temperature + 5 to + 40°C
- Allowed liquid temperature + 5 to + 80°C
- Maximum viscosity allowed 150cSt
- Accuracy +/-2%
- Repeatability +/-1%
- Power consumption10W
- Protection class IP65
- Dimensions 140 x 87 x 130mm
- Weigh..... 0,9kg
- Hydraulic connection.....4/6mm

High chemical resistance - Choice of materials for pump head

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

Manual or external controlling

S - Version	· Manual operation
RC - Version	· Manual operation · Analog control: 0-10V, 0-20mA, 4 -20mA from 0 to 100% · Start / Stop through logic control (TTL) · Reset / Prime through logic control (TTL) · Output signal fault alarm · Cable for external control included · Footswitch (accessory)