

MINIATURE SYRINGE PUMPS

100 µl, 500µl or 1000 µl syringe capacity

SCP Series



These syringe pumps are equipped with a 2-phase bipolar stepper motor and impress with their small design of only 26 x 42 x 120 mm with capacities from 100 µl to 1000 µl.

Compared to other pumps of this size, these syringe pumps have no dead volume. In addition, they are smaller and lighter than conventional syringe pumps.

Dosing rates from 16.6 µl/s to 166 µl/s ensure a wide range of applications and the integrated sensor makes it possible to detect the starting position.



SPECIFICATIONS

	SCP Series
Syringe capacity	100 µl 500 µl 1000 µl
Theoretical resolution	83 nl/pulse 415 nl/pulse 830 nl/pulse
Repeat accuracy	CV < 1% (full stroke)
Port connection	M6 1/4-28UNF
Wetted materials	Glass, PTFE, PEEK
Fluid temperature range	5 - 40°C
Ambient temperature range	5 - 40°C
Outer dimensions	26 x 42 x L120 mm
Motor	2-Phases bipolar-stepper motor
Mounting direction	Any