

# SHAPE MEMORY ALLOY PUMPS

Dosing of 2 µl/stroke | 6 µl/stroke

## SP-100



## SP-300



These dosing pumps are driven by a shape memory alloy and are designed for two dosing volumes.

The diaphragm separated miniature pump series are characterised by their compact design, very low weight and low power consumption.

## SPECIFICATIONS

	SP-100 (under development)	SP-300
Flow rate	2 µl/stroke	6 µl/stroke
Pressure (max.)	50 mbar	
Port connections	Hose Barbs	
Wetted materials	PP   EPDM (Optional FPM)	
Electrical supply	250 mA	200 mA
Frequency (max.)	1 Hz	0.75 Hz
Fluid temperature range	5 - 40°C	
Ambient temperature range	5 - 40°C	
Weight	-	approx. 6 g
Dimensions	5.0 x 15.0 x 20.5 mm	6.0 x 16.0 x 41.2 mm