

The flowstop controlled system: mpSmart-Flowstop

This Flowstop System is controlling a mp6 micropump and a memory alloy valve via a PC software.	
Components	mp6 micropump Valve SMV-2R-BN1F of Takasago Tubing mpSmart-Flowstop control box
Flowrange	Controllable through amplitude and frequency
Pressure range	Up to 1 bar ¹
input voltage	5V USB
operating temperature	+5°C bis +40°C
material in contact with fluid	PPSU, FPM, PPS, Tygon
Lifetime (pump)	5000 h
self-priming	yes
dimensions (electronic board)	90x68x18 mm
weight (electronic board)	38 g
power consumption (maximum/stand by)	275 mW/ 60 mW
power supply	Via USB; 5 V
pumping media	Liquids and gases
Response time	600 ms

¹ Pressure range for the valve: At the inlet up to 1 bar, at the outlet up to 500 mbar

