

Diaphragm Dosing Pump SPV-15



The diaphragm dosing pump SPV-15 is designed for

Edge cleaning with solvents for CD-R, CDR-DVD-R and DVD-RW.

Application of protective lacquer or photo resist.

Any other application according to the pump specs.

The precision of this pump is 0.1 ml.

Main features of the diaphragm dosing pump SPV-15

Handles a wide range of viscosities.

All parts in contact with the medium are made of highly resistant materials.

Easy disconnection of the pump from the drive for cleaning.

Media and pump properties of the diaphragm dosing pump SPV-15

Property	Nominal value	Tolerance / specification
Dosing amount	0.1 ... 15 ml	±0.1 ml depending on timer
Viscosity	up to 10'000 cps	
Temperature	+4 ... +60 °C	
Medium pressure created by pump	0.1 ... 1.5 bar	depending on tube length and viscosity
Maximum flow of medium	4 ml/sec	depending on tube length and viscosity

Materials in contact with the medium in the diaphragm dosing pump SPV-15

Part	Material	
Pump membrane	PTFE-IIR compound	Bucar ®
O-ring sealings	EDPM	optional: FFPM
Metal parts	Stainless steel	SU 316 (ISO 1.4435)

Physical properties and environment of the diaphragm dosing pump SPV-15

Property	Nominal value	Specification
Length / width / height	71 / 130 / 180 mm	
Weight	4 kg	
Power supply for dosing valves	24 VDC, 2 x 2W	
Pump control	vacuum -0.4...-0.8 bar compressed air 4.5... 5 bar	Tubes 4/6 mm
Liquid intake and outlet	R 3/8" thread	
Average lifetime	30 • 10 ⁶ pumping cycles	