

SPRAY VALVE AND CONTROLLER

Spray Valve SV300 Series

SV300 series is an air atomizing Spray Valve. It utilizes low air pressure to break coating materials into tiny droplets and deposit it onto any coating surfaces. Atomizing pressure can be as low as 8 psi. This will ensure that coating material hitting the coating surfaces will not 'bounce' or blown off the intended coating area. The valve comes with an extended nozzle for dipping into solvent to prevent drying out of coating material. Any cleaning or flushing is only on the extended nozzle assembly.

Features

- Suitable for low viscosity fast drying conformal coating
- Low atomizing air requirement
- Fine adjust of coating material through a micrometer
- Compact design, easy maintenance
- Extended nozzle



Specifications

Spray Valve SV300 Series			
Model No.	SV300	SV301	SV302
Valve type	Spray valve (Wide Area)	Spray valve (Narrow Path)	Spray valve (Narrow Path)
Operating Air Pressure	4 bar to 6 bar	4 bar to 6 bar	4 bar to 6 bar
Atomizing Air Pressure	≤ 2 bar	≤ 3 bar	≤ 3 bar
Fluid Delivery Pressure	Max 7.0 bar	Max 5.0 bar	Max 5.0 bar
Minimum Spray Area (Diameter)	20 mm	6 mm	6 mm
Maximum Spray Area (Diameter)	60 mm	16 mm	16 mm
Driving part materials			
Cylinder Body	Aluminium	Aluminium	Aluminium
Cap	Aluminium	Aluminium	Aluminium
Piston	SUS304 Stainless Steel	SUS304 Stainless Steel	SUS304 Stainless Steel
Check Body	SUS304 Stainless Steel	SUS304 Stainless Steel	SUS304 Stainless Steel
Wetted part materials			
Chamber	Stainless steel	Stainless steel	Stainless steel
CAP, CV body	Stainless steel	Stainless steel	Stainless steel
Seals	Teflon	Teflon	Teflon
Connecting ports			
Operating Air Inputs	M5 thread w/ push-in fitting for 6mm OD tube	M5 thread w/ push-in fitting for 6mm OD tube	M5 thread w/ push-in fitting for 6mm OD tube
Material Inlet	1/8-27 NPT	1/8-27 NPT	1/8-27 NPT
Material Outlet	N/A	N/A	Lock Nut
Weight	360g	360g	360g

Spray Valve Controller

SVC1000 is a dedicated controller for spray valves. It has a comprehensive range of features for good control of the spraying parameters. It is micro-P driven and can be easily integrated onto any existing system.

Features

- User friendly software provides simple setting of all the necessary parameters
- LCD display screen
- Microprocessor control
- Easily integrated into any coating system
- No maintenance needed

Specifications

Power	120/220VAC
Air Pressure Range	Max 6.0kgf/cm ²
Spray Pressure	0 - 2 bar
Valve Operating Pressure	Max 6 bar
Dispensing Time Range	Up to 99.99 sec
Valve, Operating Time	Up to 99.99 sec
Interval Time	Up to 99.99 sec
Operating Mode	Timer/Auto Mode, Manual mode, Interval mode
Weight	Approx. 4.0Kg