

GV-690

Low Pressure Spraying Valve

GV-690 spray valve is engineered to ensure a uniform application of thinner to moderately thick fluids using low-pressure air, preventing excess spray or mist. By choosing the right nozzle, you can achieve precise control over the spray's quality.

FEATURES

- Suitable for low viscosity solvent, paint, flux
- Typical application: Conformal Coating
- Low pressure for better adhesion result

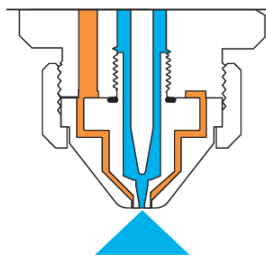


Figure 1

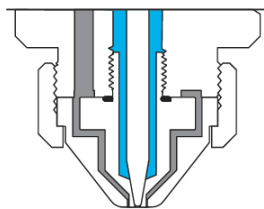


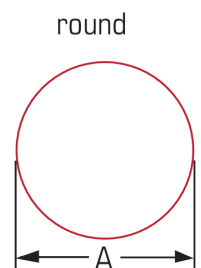
Figure 2



SPRAY COVERAGE AREA

Round Pattern Spray Coverage (A)

Nozzle distance from surface	Nozzle size		
	#46	#28	#14
25mm	6mm	5mm	4mm
50mm	13mm	10mm	8mm
75mm	19mm	15mm	12mm
150mm	36mm	30mm	24mm

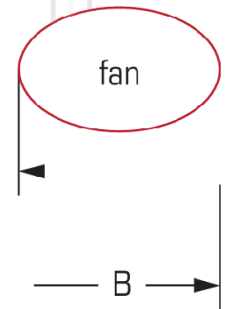


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Fan Pattern Spray Coverage (B)

Nozzle distance from surface	Nozzle size		
	#46WF	#46F	#28F
25mm	40mm	25mm	10mm
50mm	60mm	40mm	20mm
75mm	80mm	50mm	30mm
150mm	165mm	80mm	60mm



SPECIFICATION

GV-690	Value
Dimension	∅ 26.9 mm (Fluid body) x 105 mm length
Net weight	294g
Air cylinder body	SUS303
Piston needle	SUS303
Needle packing	SUS303, Teflon
Nozzle air cap	SUS303
Fluid inlet port	1/8NPT female
Mounting hole	M6 female
Valve operating air pressure	0.4 ~ 0.62 MPa
Maximum nozzle air pressure	0.2MPa (Standard)
Maximum fluid pressure	0.7MPa
Free flow orifice (special)	#46, #28, #14

GC-850SR

Spraying Valve Controller

The GC-850SR Spraying Valve Controller is a versatile controller designed to manage a wide range of pneumatic valves, including diaphragm valves, firing pin valves, piston valves, spray valves, screw valves, and encoder motor screw valves.



FEATURES

- **Compatibility:** Suitable for controlling various types of pneumatic valves, offering flexibility across different systems.
- **Precise Control:** The controller features a digital display for both timer and pressure, allowing for precise adjustments to ensure accurate dispensing.
- **Multiple Dispensing Modes:** The GC-850SR supports four dispensing modes—timing, moving, teaching, and interrupting—catering to diverse operational requirements.
- **Program Storage:** It can store up to 10 different dispensing programs, providing the ability to quickly adapt to varying dispensing needs and quantities.
- **Automation & Control:** Equipped with an RS232 port and a foot switch, it enables automatic dispensing, enhancing efficiency in production processes.
- **Safety & Monitoring:** The controller comes with an adjustable low-pressure alarm function, ensuring safe and reliable operations.
- **Long-Term Support:** Backed by a 2-year warranty, providing assurance in performance and durability.

SPECIFICATIONS

GC-850SR	Value
Dimension	L254 x W191 x H102 mm
Cycle Time	900 cycles/min
Timing range	0.008 ~ 60.000 s
Timing repeatability	0.001%
Air input	Max. 100 Psi (6.9 bar)
Air output	1 ~ 100 Psi (0.7 ~ 6.9 bar)