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COATING VALVES

Product Description

DJ-01 | Needle Dispense Valve (Non-Atomized)

The DJ-01 is a versatile dispensing valve for single-component bead, dot, potting, conformal coating, or encapsulation projects. The DJ-01 is most used in conjunction with the SA-W6L to apply conformal coating between tight spaces on circuit board assemblies that are hard to reach or require a higher degree of accuracy. The DJ-01 accepts a wide range of tips from 0.2 to 2 mm (0.007 – 0.078 in).

ZS-02 | Needle Atomization Valve

The ZS-02 is a highly versatile conformal coating applicator that supports a wide range of fluid viscosities and is ideal for solvent or non-solvent fluid formulations. It is specifically optimized to atomize coating materials delivering an ultrafine needle spray pattern 1.6 to 1.9 mm (0.06 – 0.08 in) with exceptional edge definition and uniform coatings at high speeds.

SA-W6L | Atomized Conical Spray Valve

The SA-W6L is the workhorse of the ANDA conformal coating nozzles and can generally be used to coat 80 to 100% of circuit boards depending on their complexity. It provides a repeatable, concentrated conformal coating film in a fine, circular cone spray pattern with coating widths ranging from 4 to 12 mm (0.15 – 0.5 in).

LA-W30 | Atomized Wide Spray Valve

The LA-W30 is ideal for quickly delivering uniform coatings to wide areas on substrates. This atomized valve delivers a wide fan-shaped pattern of coatings with widths ranging from 15 to 30mm (0.6 – 1.2 in).

IC-100L | Film Coating Valve (Non-Atomized)


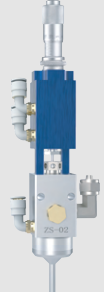



The IC-100L delivers precision and high-quality dependable results to the application of conformal coatings. With virtually 100% transfer efficiency, the film coating applicator improves the utilization of conformal coating materials. In addition, reduced coating thicknesses provide further material cost savings. Non-atomized 6 – 19mm (0.24 – 0.75 in) coating width for low viscosity conformal coatings (100 cPs or less).



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Specifications :

Coating Valves					
Model	DJ-01	ZS-02	SA-W6L	LA-W30	IC-100L
Type	Dispensing Needle Valve	Needle Atomization Valve	Small Atomization Valve	Wide Atomization Valve	Thin Film Coating Valve
Dimensions	58 x 23 x 191 mm (2.3 x 0.9 x 7.5 in)	55 x 30 x 183 mm (2.2 x 1.2 x 7.2 in)	55x 29 x 202 mm (2.2 x 1.2 x 8 in)	58 x 25 x150 mm (2.3 x 1 x 5.9 in)	94 x 71 x 195 mm (3.7 x 2.8 x 7.7 in)
Weight	260 g	270 g	280 g	260 g	520 g
Operating Pressure	Max. 0.7 MPa	Max. 0.7 MPa	Max. 0.7 MPa	Max. 0.7 MPa	0.4 - 0.55 MPa
Max. Fluid Pressure	0.5 MPa	0.7 MPa	0.7 MPa	0.7 MPa	0.3 MPa
Viscosity Range	1 - 20,000 cPs	30 - 3,500 cPs	30 - 3,500 cPs	30 - 3,500 cPs	≤100 cPs
Single Spray Width	1 - 2 mm (0.04 - 0.08 in)	2 - 5 mm (0.08 - 0.2 in)	4 - 12 mm (0.16 - 0.5 in)	15 - 30 mm (0.6 - 1.2 in)	6 - 19 mm (0.24 - 0.75 in)
Applications	<ul style="list-style-type: none"> - Acrylic Resin - Urethane Resin - Silicone Resin - Epoxy Resin - UV Adhesive - Underfill 	<ul style="list-style-type: none"> - Acrylic Resin - Urethane Resin - Silicone Resin - UV Adhesive - Epoxy Conformal Coatings & Gels 	<ul style="list-style-type: none"> - Acrylic Resin - Urethane Resin - Silicone Resin - UV Adhesive - Epoxy Conformal Coatings & Gels 	<ul style="list-style-type: none"> - Acrylic Resin - Urethane Resin - Silicone Resin - UV Adhesive - Epoxy Conformal Coatings & Gels 	<ul style="list-style-type: none"> - Conformal coating materials with viscosities 100 centipoise or less
Features & Benefits	<ul style="list-style-type: none"> - Precisely dispenses beads and dots for conformal coating, encapsulation, or potting applications - Compatible with standard needle size 10-33 gauge - Micrometer flow rate adjustment 	<ul style="list-style-type: none"> - Ultrafine atomized needle spray is ideal for small and tight spaces - Specialized fluid sealing structure reduces sealing ring changes and provides a long service life - Micrometer flow rate adjustment 	<ul style="list-style-type: none"> - Atomized conical spray pattern quickly delivers coatings to both small and medium sized areas - Compatible with a wide range of fluid viscosities - Micrometer flow rate adjustment 	<ul style="list-style-type: none"> - Atomized wide fan-shaped pattern for quickly delivery of coatings to large areas - Compatible with a wide range of fluid viscosities - Micrometer flow rate adjustment 	<ul style="list-style-type: none"> - Non-atomized fan-shaped thin-film coating valve delivers dependable edge sharpness - Variable spray provides alterable thin-film widths for program cration - Spray speed is up to 450 mm/s