



FCS300
SPRAY VALVE

POLY DISPENSING SYSTEMS
S Y S T E M E S D E D O S A G E I N D U S T R I E L

Stainless Steel Spray Valve

Advantages

- Stainless steel chamber for more accounting.
- Easy and fast calibration of the quantity
- High precision removal
- Fluid chamber of the control.
- Low volume / Low pressure
- Air-product separation up to valve outlet
- Round and elliptical interchangeable atomization caps
- Potential rate: greater than 600 cycles / minute
- No residual drop at the end of the cycle



Compatible products

Coatings / Liquid greases /
 Marking inks / Lubricants - oils
 / Silicones / Solvents - Alcohol
 / Adhesives / Inks - paints /
 Activators, flux



FCS300

The FCS300 spray valve provides a repeatable, concentrated coating film in pattern widths ranging from 0.25" to over 2".

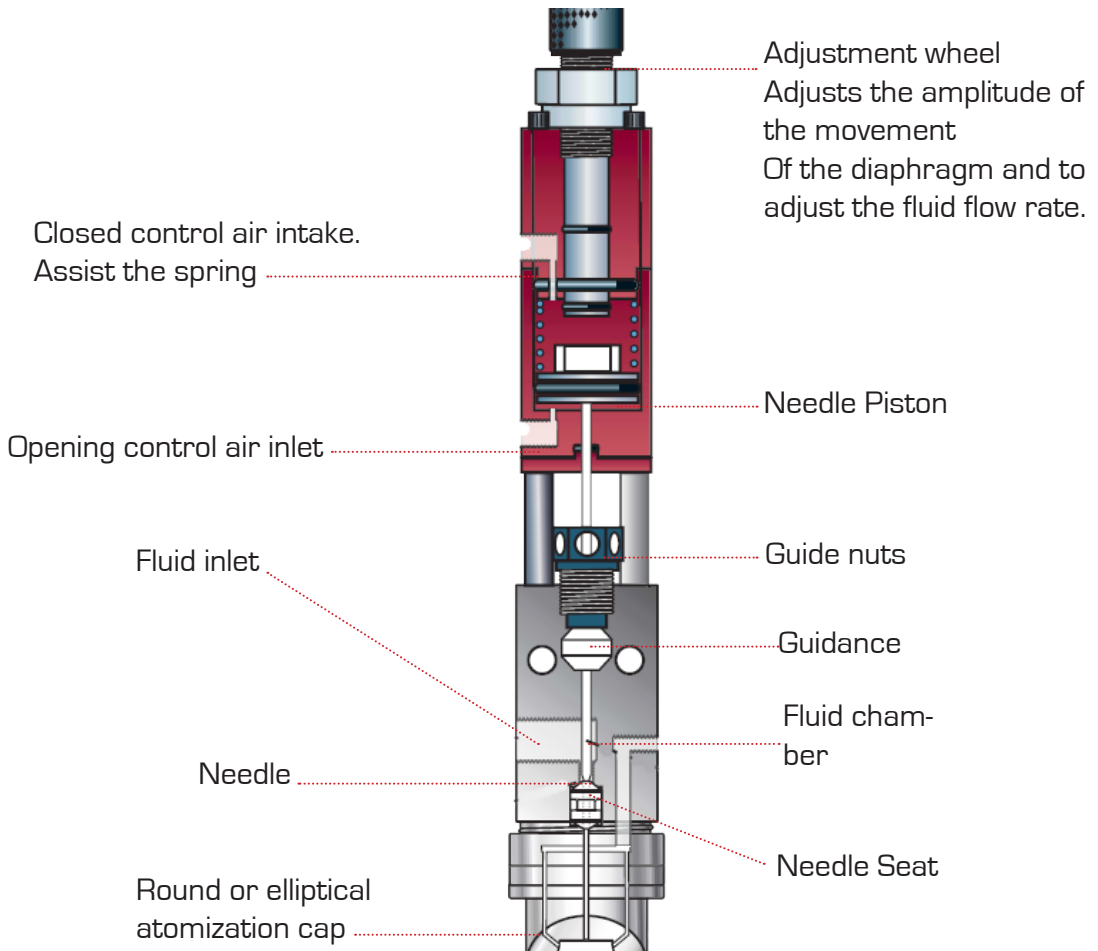
The atomized spray process resulting from the FCS300 will produce conical (round cap) or fan-shaped (flat cap) patterns with transfer efficiencies in excess of 99%. The FCS300 features a micrometer flow adjustment that makes fine tuning of your process easier than ever.

The FCS300 has many integrated features including:

- Low pressure, low volume atomized process
- 300 series stainless steel fluid body for superior material compatibility
- Interchangeable spray cap offers fan and oval-shaped patterns
- Micrometer flow adjustment with lock nut
- Divorced valve design prevents contamination of the air section
- Compatible with all commercially available conformal coatings
- Wide viscosity range offers versatility for virtually any spray application

Characteristics

Dimensions	168.4 mm x 22 mm x 22 mm
Weight	170g [9 oz]
Viscosity Range	1 cps – Paste
Operating Air Pressure	60 – 100 psi
Maximum Inlet Fluid Pressure	2500 psi
Wetted Components	Stainless steel, Teflon®, Kalrez®
Transfer Efficiency	99%
Spray Pattern Width (Round Cap)	0.25 in – 1 in
Spray Pattern Width (Flat Cap)	0.75 in – 2 in+



Poly Dispensing Systems



PDS S.A.S is a french company that commercializes a wide range of dosage equipments, proven and effective.

Distributed in over 20 countries around the world, these equipments provide tailored solutions to many users in order to improve technically their manufacturing and reduce their productions costs.

Our collaborators and sales engineers all have a strong technical competences. They are able to answer your questions and offer you, after analysis, the right solution for your particular need.

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- NON CONTRACTUAL DOCUMENT -

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