



FC100
HIGH FLOW DISPENSING VALVES

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 Dispensing Valve

Advantages

- Part in contact with the stainless steel fluid.
- Fluid chamber of the control
- Simple, fast to install device, quick calibration
- High pressure resistance (241.3 bar)
- Minimum Accuracy $\pm 3\%$
- Piloting of the opening and the opening
- Potential rate: greater than 600 cycles / minute
- Reminder of drop at the end of the cycle, cut off.



Compatible products

Lubricants / Sealants /
Lubricants / RTV / Epoxies /
Silicones / Glues



A versatile, high pressure dispensing valve for single-component bead, dot, potting, or encapsulation projects.

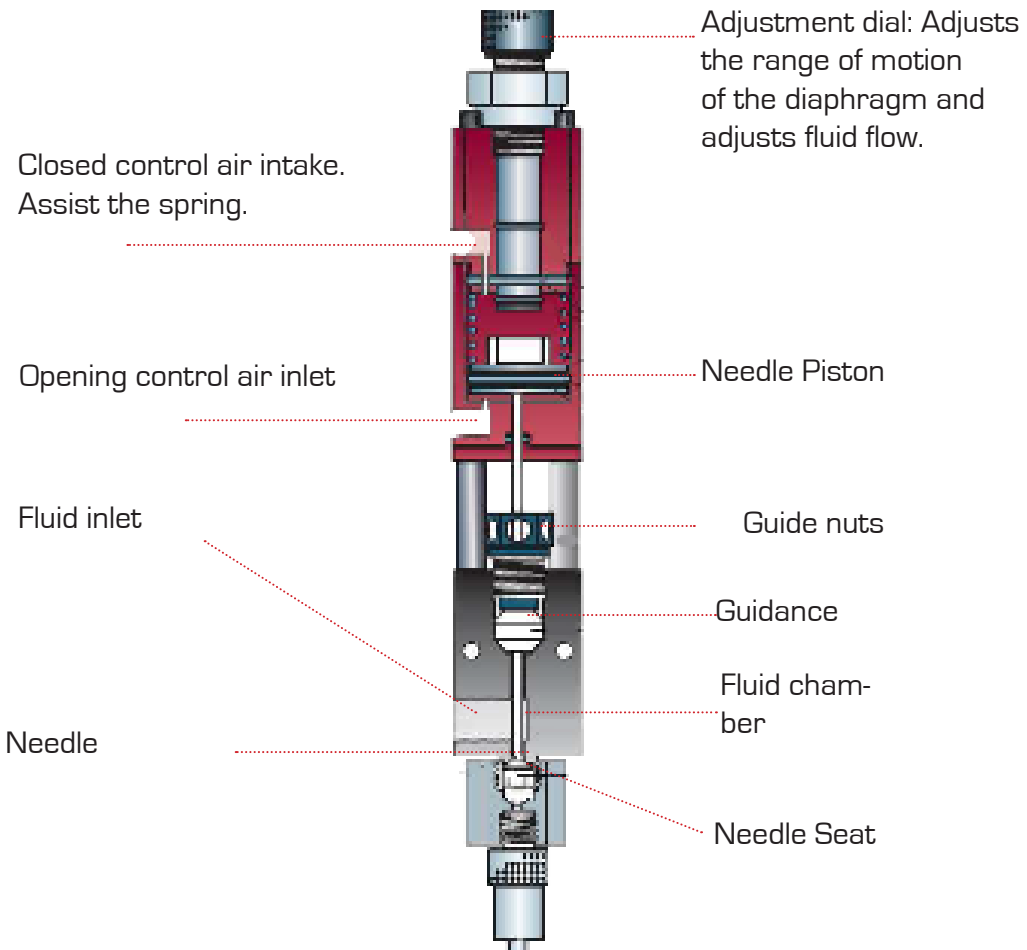
The FC100 features a lightweight, compact design that makes it an ideal choice for any automated or handheld process. The FC100 is compatible with all PVA automated platforms.

The FC100 has many integrated features including:

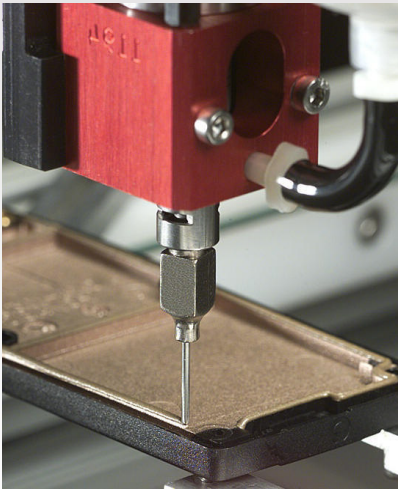
- 300 series stainless steel fluid body for superior material compatibility
- Flow adjustment with lock nut
- Divorced valve design prevents material contamination of the air section
- Reversible valve seat
- Spring-assisted valve closure for reliable cycle stops
- Compatible with all Luer-Lok™ needle tip designs
- High inlet pressure rating allows for processing of viscous chemistries

Characteristics

Dimensions	152 mm x 19 mm x 19 mm (6.00 in x 0.75 in x 0.75 in)
Weight	170,2g 6 oz
Viscosity Range	1 cps – Paste
Operating Air Pressure	60 – 100 psi
Maximum Inlet Fluid Pressure	3500 psi
Wetted Components	Stainless steel, Teflon®, Kalrez®



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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