

SELECTIVE CONFORMAL COATING AND DISPENSING SOLUTIONS



PIEZOELECTRIC JET VALVE CF9800

The microdispensing JET valve with piezoelectric control without contact CF9800 allows microdots to be shot with a frequency of up to 2000 drops per second and makes the dosing processes significantly faster

CF9800 allows liquids, conformal coatings, lubricants, solder pastes and adhesives (viscosity up to 1.500,000 mPas) to be injected onto the substrate in reproducible volumes with maximum precision. Thanks to the integrated nozzle heater, the viscosity of the media to be dosed can be optimally adjusted to the process. In miniaturization, very small volumes down to 2nl can be accurately dispensed.

Specially designed for ***underfilling, glob top*** or ***dam and fill*** applications or ***lubrication*** processes, and even conformal for UV conformal coating urethanes.

The metering valve is a modular design that incorporates the entire fluid system, consisting of the media channel, plunger, nozzle and nozzle seat, as a single unit. The system can be disassembled and cleaned in a few simple steps, keeping downtime to a minimum.

With its compact dimensions of 125 mm x 102 mm X 16 mm, the dispensing unit is ideal for space-saving integration into a variety of systems.

FEATURES

System fits into the Smart Factory that requires Industry 4.0
Specially designed for underfilling,
Modular design
Facilitates disassembly and cleaning
Optimal integration in CF440 and CF395IL series **Coatflow** Robots with total control from the soft **COATCONTROLPRO**
Thanks to its compact and space-saving design
piezoelectric based system
Reduces operating costs as no compressed air is needed

	CF9800
Size W x L x H:	125 mm x 102 mm X 16 mm
Weight:	258 gr
Fluid Inlet:	1/8" NPT (LUER LOCK)
Fluid Outlet:	NON CONTACT NOZZLE
Nozzle Temp:	0 – 100 Cº
Dispensing VOL:	From 2 nl
Nozzle Diameter:	From 50 to 400 microns
Cycle Rate:	Up to 1500 cicles per second. Continuos 200 cicles per second.
Material Viscosity Range:	1 – 1.500.000 cps





CONFORMAL COATINGS, ACRYLICS, URETHANES, SILICONES, RTV, BI-COMPONENT MATERIALS, ETC.



