

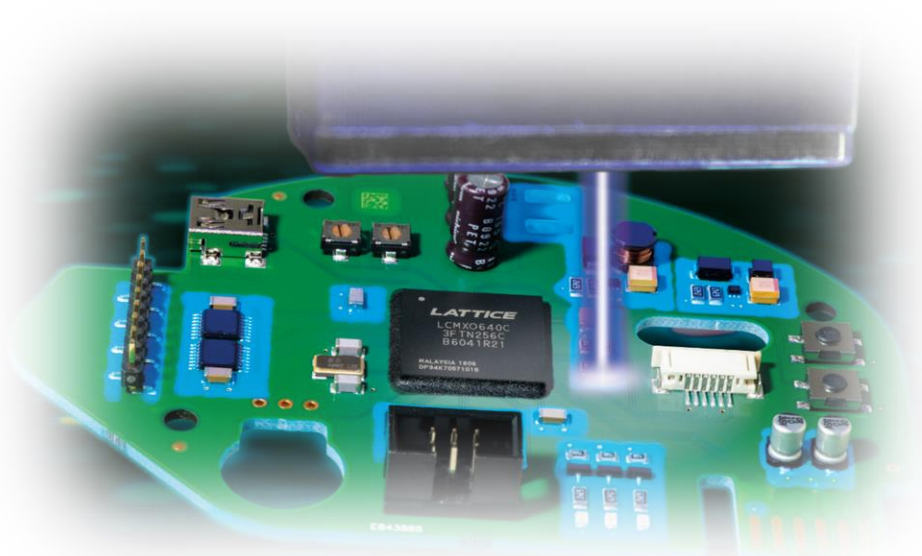
I-JET Valve

Low-Pressure-Jetvalve



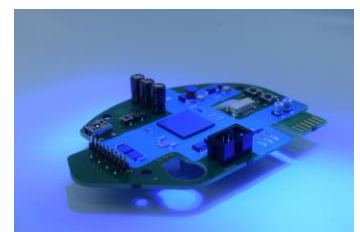
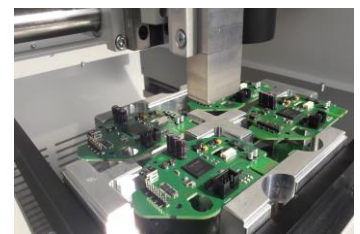
Coating

for precision and flexibility



Product
use

- ✓ High jet dosing distance
 - ✓ Low Pressure Jetting
 - ✓ Exact coating delineation
 - ✓ Easy construction
 - ✓ Few items
- short process time
 - no splashes or overspray
 - Enables secure AOI testing
 - adaptable to many systems
 - fast maintenance

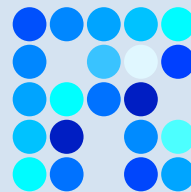


Coating facilities
Dosing systems
2K-Dosing system
Jet vents
Drying station
UV-Oven
Inspection systems
Coating sets
Complete equipment
Service & Consulting

The EPSYS I-Jet valve has been developed for a very precise and flexible protective coating of electronic assemblies. It combines great flexibility and high precision. The I-Jet valve upgrades existing machines qualitatively and expands the possibilities.

I-JET Valve

Low pressure Jet Valve



Coating

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The I-Jet method

In this process, the coating material is applied to the assembly via the low pressure jetting nozzle. As a result, low exit velocities are achievable. This leads to significantly lower reflection-related splashes and thus to virtually no coating contamination of the environment. The coating quantity can be influenced by the adjustable system parameters such as coating pressure, opening time and opening frequency of the nozzle.



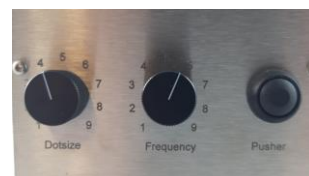
Uncritical height of the jetting head

Depending on the coating material and rheology, the I-Jet valve can reliably dispense from a distance of 50 mm above the substrate, and this with almost constant coating resolution. Collisions with high components are thereby avoided. The topography of the assembly is in most cases irrelevant, the programming of the coating surface is simplified considerably.



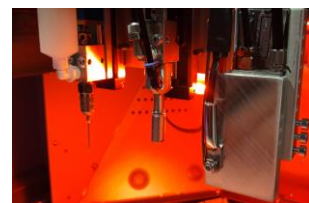
Simple process finding and adjustment

By means of the control unit, the necessary parameters are easily set. The variable parameters drop size and frequency can be quickly determined for processable coatings.



Adaptation to existing systems

Due to the compact design, the jet valve can be easily integrated into existing machines. The control is carried out by means of a 24V signal for active and non-active.



Delivery I-Jet

jet valve Control unit to I-Jet
4 meter connection cable for integration without plug to machine
Instructions for adaptation

Technical specifications

Dimensions / Weight I-Jet (WxDxH): 30 x 18 x 91 mm / 335 g
Dimensions / Weight Control unit: 103 x 200 x 110 mm / 1,500 g
Connection: 230V

Options

80011009 Heating with control unit to jet valve
800110XX mechanical adapter for attachment to a dosing head
90000005 Installation in existing system

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electronic protective systems