

Flexible and precise batch **conformal coating systems**

MYSmart™ series MYC10™ benchtop coating



Introducing the MYC10 platform

High-performance conformal coating systems

MYC10 is a flexible three axis robot with optional tilt and rotate capability that is suitable for virtually any benchtop selective coating application. MYC10 features a robust overhead motion platform employing servo motors and precision ball screw slides.

- 1 Compact, tabletop design
- 2 Large work area
- 3 Flexible multi-axis control enables precise coating of complex PCB boards
- 4 Industrial computer with online and offline (optional) programming software



Specifications MYC10

MOTION SYSTEM	
X-/Y-AXIS	Z-AXIS
Speed: max 500mm/s	Speed: max 300mm/s
Acceleration: max (0.5g peak with s-curves)	Acceleration: max (0.3g peak with s-curves)
Repeatability: $\pm 25\mu\text{m}$, 3σ	Repeatability: $\pm 25\mu\text{m}$, 3σ
Drive mode: servo motor, ball screw	Drive mode: servo motor, ball screw

WORK AREA	
ONE WORK STATION	
Single valve max: 320x400mm	
Max clearance above and below PCB: 90mm	
FACILITY REQUIREMENTS	
Power: 220V, 2.5kW, 16A, 60Hz	
Air supply: 80psi (5.5bar)	
System footprint: 934 x 1247 x 1000 mm $\pm 50\text{mm}$ (WxDxH)	
Machine weight: 220 kg	
Standards compliance: CE, UL (optional)	

CONTROL SYSTEM	FLUID DELIVERY METHODS
Computer: IPC, LCD monitor, keyboard	V-5000 three-mode spray valve
Operating system: Windows 10	V-420A gel valve
	V-5800 low pressure spray valve

STANDARD FEATURES	OPTIONAL FEATURES
Industrial computer and software and monitor	Cleaning platform
X-/Y-/Z-axis and motion platform	Pressure tank supply
Safety interlock	Low liquid alarm
Audible alarm	Laser height detection module
Exhaust detection module	Nozzle calibration module
	Four direction tilting module (for V-420A and V-5000 series valve)
	2D barcode reader module
	Offline programming

Bringing tomorrow's electronics to life

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