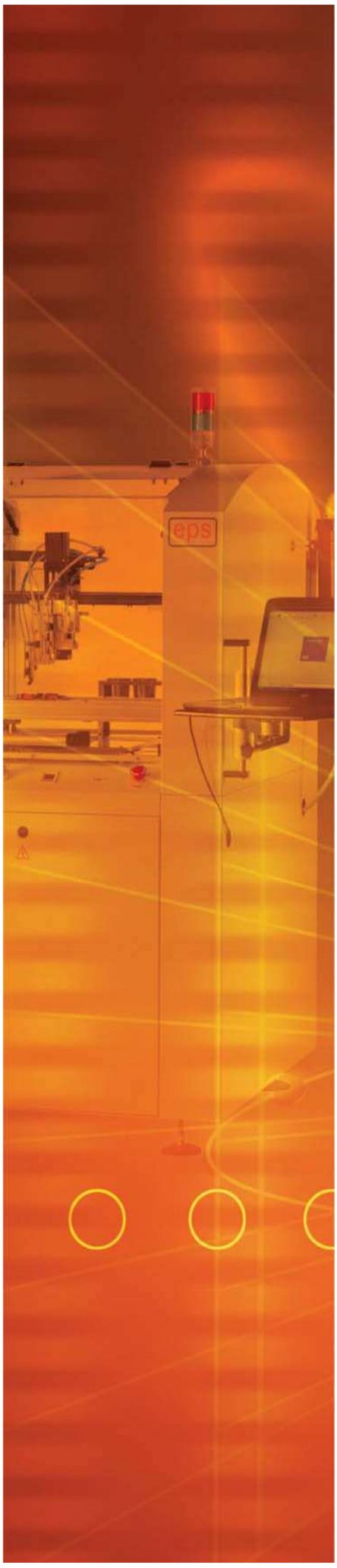



DRIVE TECHNOLOGIES

eazycoat

# Selective Conformal Coating System

Cost-effective solutions for electronic industry

## System Features

The eazycoat is ideal for selective conformal coating and dispensing applications that requires a high level of accuracy and repeatability. It is ideal solution for medium and low volume

eazycoat is equipped with robust 3 Axis motion platform which can be mounted with any of the two valves.
The valves can be spray valve , dispense valve or film coater valve

eazycoat works with laptop computer. The programming is done easily by manual teaching or by using the JPEG image of the PCB. All the parameters like valve parameter, motion parameters can be altered easily. Also can be programmed various shapes, patterns and areas

| Specifications | eazycoat |
|---|---|
| **Motion Control** | |
| XYZ Axis drive | Stepper motors plus ball screw |
| XYZ Resolution | 25 Micron |
| Velocity | 350 mm/sec |
| **Coating Area** | |
| XYZ Travel | 430 mm x 430 mm x 50 mm (17" x 17" x 2.9") |
| Bottom side clearance | 100 mm (4") |
| **Inline (Option)** | |
| Conveyor Type | Pin or Chain |
| Minimum conveyor width | 50 mm (2") |
| Max. conveyor width | 430 mm (17") |
| Edge Clearance | 5 mm (0.2") |
| Transport Height | 940 mm - 965 mm (37" - 38") |
| Communication | SMEMA |
| **Facilities Requirements** | |
| Air Supply | 6 bar 85 PSI dry clean air |
| Exhaust | 250 $m^3$, 127mm (5") dia |
| Power | 220 VAC, 50/60 Hz |
| **Dimension** | |
| Length | 1400 mm (55.1") |
| Width | 1000 mm (39") |
| Height | 1550 mm (61") |
| Weight | 275 Kgs (605 Lb) |

### Valve Option

- SV-500 Circular Spray pattern Valve
- DV-500 Needle Valve
- FV 500 Film Coating Valve

### Coating Feed Option

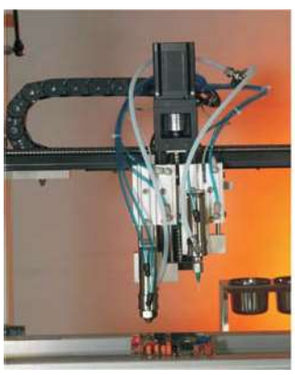
- Cartridge Feed
- Pressure Vessel

### Standard Feature

- Door interlock control
- Purge and Solvent Cups
- Light tower indicator
- Low exhaust interlock
- Control via Laptop Computer

### Optional Feature

- Low level material sensor
- Internal UV Light



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