



# Conformal Coating System

## Multi Axis Selective Coating System

The selectcoat-450 Multi-Axis Coating System provides a reliable robotic conformal coating application platform for low and medium volume batch and inline conformal coating processing.

Equipped with programmable software and stepper motor process control, the straight forward design means ease of application of conformal coating at all levels.

### selectcoat-450 Specification :

#### MOTION CONTROL :

- Type: Stepper Motors, Slides on XYZ axis
- XYZ Repeatability : 50 microns (0.01")
- XYZ Resolution : 50 microns(0.01")
- X-Y Velocity : 175 mm/s (7"/s) max

#### COATING AREA :

XYZ Travel : 458mm x 458mm x 75 mm (18" x 18" x2.9")

#### PCB HANDLING :

BATCH

PCB Fixture: 458mm x 458mm x 75 mm (18" x 18" x2.9")

#### INLINE ( OPTION )

- Conveyor Type : Flat Belt, Pin or Chain
- Min. Conveyor Width : 50 mm (1.97")
- Max. Conveyor Width : 458 mm (18")
- Edge Clearance : 4.7 mm (0.185")
- Transport Height : 940 mm - 965 mm(37" - 38")
- Communication : SMEMA

#### STANDARD FEATURES :

- Door Interlock Control
- Purge and Solvent Cups
- On Board PC
- Remote teach pendant with Key pad
- Light Tower



**selectcoat-450**

#### FLUID DELIVERY METHOD :

CCS-450            Circular Spray pattern Valve  
CCD-450            Needle Valve

#### COATING FEED OPTION :

Cartridge Feed  
Pressure Vessel

#### FACILITIES REQUIREMENTS:

System Footprint    : L:1400, W:1000, H: 1550 mm  
Air Supply            : 80 PSI dry clean air  
Extraction            : 600 CFM  
Power (Main)        : 120/220 VAC, 50/60 Hz  
System Weight       : 260 Kgs

#### OPTIONAL FEATURES :

Low level material sensor  
Internal UV Light  
Built-in exhaust fan with air flow indicator

For Further information Contact :



### eps worldwide pvt ltd

S.No.145, Garmal, Dhayari, Pune : 411041. INDIA

Tel.: + 91-20-24102200/ 24392715 Fax : +91-20 -24393204, 24103204

Email : a\_limaye@vsnl.net, admin@epsww.com

web : www.eps-ww.com