

# SMART FLUID CABINET

**COATING/  
DISPENSING  
MONITORING**



## SMART MATERIAL STORAGE AND SUPPLY SOLUTION FOR PCBS

The **SMART FLUID CABINET** automates the management and dispensing of protective materials, optimizing availability, inventory levels, and minimizing waste.

### FEATURES

- » Automated fluid management with inventory traceability and waste reduction.
- » Versatile design for multi-fluid dispensing applications.
- » Efficient operations with automatic reservoir swap and process monitoring.
- » Optimized ergonomics & intuitive interface for operators.
- » Safe, clean environment with full compliance to safety standards.

### UNIQUE CONCEPT

#### CONFIGURATION

- Automatic material reservoir swap.
- Simplify coating process.
- Reduce operator failures.
- Keep the area clean / Safety access.
- Multi-fluid and evolutive concepts.
- Statistical control: monitors process quality.
- Sensors:
  - Humidity and temperature control.
  - Coating level.
  - Flowmeter.
  - Air bubble detector.
  - Viscometer and more.

## FACILITY REQUIREMENTS

Dimensions (WXDXH)	1000 X 712 x 1760 mm
Approx. Weight	176 Kg
Power	1 Kw
Smema height	940-960 mm
Voltage	230 Vac
Process sensors	Humidity and temp. control. Coating level. Flowmeter. Air bubble detector. Viscometer and more. Micro flow detection Easy bubble detection
Fluid management	Administration and monitoring

## BENEFITS

- » Micro-flow detection.
- » Effortless bubble detection.
- » Coating/dispensing monitoring.
- » **Automation** and material management facilitation.
- » **Traceability:** Inventory level optimization and waste minimization.
- » **Versatility:** Adaptable to multiple material dispensing applications.
- » **Production process optimization:** Complete material management from storage to supply
- » **Efficiency:** Automation of operations.



## FEATURES

- » Product storage under proper conditions.
- » **Fluid management:** Fluid management administration and monitoring.
- » **Ergonomics** optimization.
- » Intuitive user interface
- » Compliance with safety standards
- » **Sensors:**
  - » Humidity and temperature control
  - » Coating level
  - » Flowmeter
  - » Air bubble detector
  - » Micro flow detection
  - » Easy bubble detection
  - » Viscometer and more

# GLOBAL NETWORK



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