

# High speed Dispensing system LD 838



## **MAIN FEATURES:**

- High Speed and Accuracy Servo Driven XYZ Motions
- Flexible Configuration of Dispense Head for Glob Top, Dam & Fill, Underfill, Conformal Coating etc
- High Performance Dispensers to achieve precise control of dispensed materials
- Easy Programming of Dispense Pattern and Parameters Under MS-Windows Environment
- Precision Needle Calibration and Height Sensors
- CCTV Monitoring System with Zoom Lens
- High resolution and performance Pattern Recognition System
- SMEMA Standard Conformal for linking to SMT equipment
- Options for Programmable Magazine Handlers for Leadframes, Boats or Carriers
- Option for manual loading /unloading (model FC-33-M)
- High Return of Investment

## << Capabilities and Specifications >>

### ◆ Dispense Head

Dispense Area (XY)	300 mm x 200mm
Z Travel	20 mm
XYZ Resolution	5µm
XYZ Accuracy	25µm

### ◆ Substrate / Carrier

Max. Length	300mm
Max. Width	150mm
Heating Stages	Max. 3 zones, with up-down supports

### ◆ Vision System

CCTV Optics	6X Zoom (Top View)
Vision System	Grey Scale, 1/4 Pixel Accuracy

### ◆ Electronic Hardware

Display Monitor	Dual 15" Color SVGA
XYZ Motors	AC Servo Motors
Input Device	PC Keyboard, Trackball
Storages	HDD & FDD

### ◆ Utility

Electrical Supply	110/220 VAC 50/60 Hz Single Phase, 20/10 Amp
Compressed Air	5 Bar (70 PSI), 0.5CFM

### ◆ Dimension and Weight

without I/O Elevator	1200mm(W)x1000(D)x1650(H), 600Kg
with I/O Elevator	1800mm(W)x1000(D)x1650(H), 800Kg

## << Optional Modules & Accessories >>

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Dispenser Types	- High/Low Output Positive Auger Pump - Precision Time Pressure Control Syringe - Wide range of Dispense Valves
Dispenser Configurations	- Dual Alternating (Dam & Fill) - Synchronized Multi Barrel / Needle
Handling Systems	- SMT Standard Conveyer - Single Mag-to-Mag Handler - Multi Mag-to-Mag Handler
Others	- Microscope with sliding mount - Custom Loading Plates - Remote Liquid Feed Tank

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