

# Model LD-838 Precision Dispensing System

The LD-838 is a fully programmable pen-writing dispensing system for high precision and consistency requirements. The Dispense Head can be configured for different applications with various types of Dispensers. The Handling System consists of programmable indexing system with three independent zones for customized temperature profile to meet process requirement. The Input and Output sides consist of multiple Magazine Elevators or options for in-line feeding of materials.

## FEATURING:

- High Speed and Accuracy AC Servo Driven XYZ Motions
- Flexible configuration for Glob Top, Dam & Fill, Underfill, Coating etc
- Easy Programming of Dispense Pattern and Parameters Under MS-Windows Environment
- Programmable Multi Magazine Handlers for PCB, Boats or Carriers
- 3 Zones Up-Down Heater Blocks with Independent Temperatures Controls
- CCTV Monitoring System with Zoom Lens
- High Performance Pattern recognition System
- Precision Needle XYZ Calibration and Height Sensors
- Stereo Zoom Microscope with sliding Arm
- Flexibility for linking to SMT Equipment



# LD-838

## SPECIFICATION

Dispense Head	
XYZ Motors	AC Servo
XYZ Travels	350 mmx 200mmx 20mm
XYZ Resolution	5 $\mu$ m
XY Accuracy	25 $\mu$ m
PCB / Carrier	
Length	75mm-300mm
Width	25mm-150mm
Indexing System	Walking Beam (standard) SMT Conveyer (optional)
I/O Elevator	
No. of magazine	2
Z Travel	0 - 500mm
No. of Levels	1 - 100 Programmable
Heating Stages	3 zones, independent temp. control
Electronic Hardware	
Display Monitor	2x 17" Color LCD
Input Device	PC Keyboard, Trackball
Storages	HDD & FDD
Utility	
Electrical Supply	115/240 VAC, 50/60 Hz, 20/10 Amp
Compressed Air	5 Bar (70 PSI), 0.5CFM
Physical	
Dimension	1800mm(W) x 1200(D) x 1650(H)
Weight	800 kg

## Options:

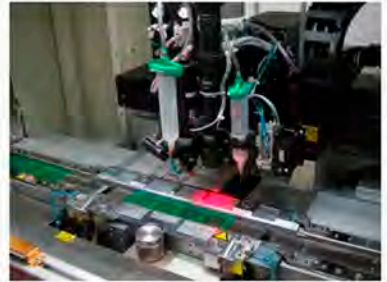
### Options for Dispensers

- Positive Auger Pump
- Time Pressure Controlled Needle
- Jet Pump
- Volumetric Valve
- Spray Valve

Non Contact Height Sensor

Precision Weighing Scale

In-line SMT Handler



Precision Dispense Head & Work Holder



User Freindly Menu



Optional Integrated UV Chamber



Precision Weigh Scale



## Headquarters & Factory

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