

## FEATURING:

- Dual Independent Pen Writing XYZ Dispense Head
- High Speed and Accuracy AC Servo Motor Driven
- Flexible configurations for Glob Top, Dam & Fill, Volumetric Fill, Underfill, Spray Coating etc
- Dual CCTV with Zoom Lenses
- High performance Pattern Recognition System
- Automatic Needle Calibration and Height Sensing
- Programmable Multi Magazine Handlers for PCB, Boats or Carriers
- Graphical User Interface Under MS-Windows Environment
- Flexibility for linking to SMT equipment



# LD838-DH

## INTRODUCTION

The LD838-DH consists of dual independent XYZ Pen-Writing Dispense Head. Each Head can run independently with different dispense materials, parameters and pre-programmed patterns. Users operate the machine through a GUI Menu under Windows environment. A wide range of high performance Dispensers are available for flexible configuration of the Dispense Heads. Each Head is equipped with a CCTV system for programming and inspection purposes, high performance vision recognition system is provided for automatic alignments and verifications. Automatic needle calibration and height sensing systems ensure the accuracy and repeatability of needle positions at all time.

The LD838-DH is equipped with programmable Indexing system with precision up-down supports and clamps. The multiple deck Input & Output Magazine Elevators are provided for continuous operation. The machine can also be equipped with SMT Conveyer system for linking to SMT production line.

## SPECIFICATION

Dispense Heads	
Dispense Area (XY) - 2 places	200mm x 100mm (standard) 200mm x 150mm (optional)
Z Travel	25 mm
XYZ Resolution	5 $\mu$ m
XYZ Motor Drivers	AC Servo
Vision System	
CCTV - 2 places	6x Zoom
Pattern Recognition System	256 Grey Scale, 1/4 Pixel resolution
Handling System	
Indexing	Walking Beam (standard) Conveyer Belt (optional)
I/O Elevators	
No. of magazines	1 - 3
Z Travel	0 - 550mm
Travel pitch	Programmable
User Interface	
Display Monitor	2x 17" Color LCD
Input Device	PC Keyboard, Trackball
Storages	HDD & FDD
Utility	
Electrical Supply	115/240 VAC, 50/60 Hz Single Phase, 20/10 Amp
Compressed Air	5 Bar (70 PSI), 0.5CFM
Physical	
Dimension	1900mm(W) x 1400(D) x 1650(H)
Weight	900 kg

### Headquarters & Factory

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