

- High Speed and Accuracy Servo Driven XYZ Motions
- Precision Dispensing for Die Coating, Underfill, Solder Paste, Globe Top etc
- Fully programmable pen-writing Dispense Pattern and Parameters
- Fully programmable dispense location with map processing capability
- Fully programmable Magazine Handler for Leadframe, Substrate or Carriers
- Up-Down Moving Support and Top Clamp with options for Heater Block
- Advance Pattern Recognition System
- Precision Needle Calibration and Height Sensors
- CCTV Monitoring System with Zoom Lens
- Sliding 6x Stereo Zoom Microscope
- Full safety and GUI working environment



# FC-33-A

## Specifications

### Dispense Head

XY Travels	350 mmx150mm
Z Travel	25 mm
XYZ Resolution	5 $\mu$ m
XYZ Accuracy	25 $\mu$ m

### Magazine Handling System

Max. Strip Length x Width	300mm x 100mm
Indexing System	by side gripper with jam detection programmable width and pitch
I/O Elevators	programmable feeder & elev pitch

### Vision System

CCTV Optics	6X Zoom with programmable LED lightings
Pattern Recognition System	256 Grey Scale, 1/4 Pixel Accuracy

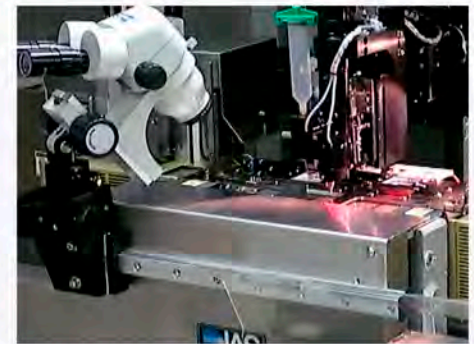
### Utility

Electrical Supply	220/110 VAC, 2 KW 50/60 Hz Single Phase
Compressed Air	5 Bar (70 PSI), 0.5CFM

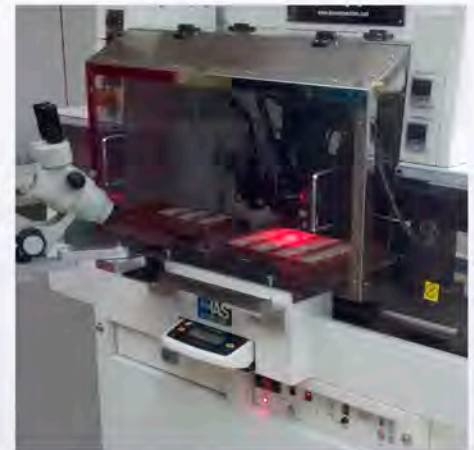
Dimension & Weight 1400mm(W)x1200(D)x1650(H), 600 Kg



GUI Display of Menu and Image



Fully programmable strip handler



Optional Weigh Scale

## Optional Module & Accessories

### Dispenser Types

- Precision Time Pressure Controller
- High/Low Output Positive Auger Pump
- High Speed Jet Dispenser
- Wide range of Dispense Pumps / Valves

### Dispenser Configurations

- Dual Alternating
- Synchronized Multi Barrel / Needle

### Others

- Precision Weighing Scale
- Non contact Laser Height Sensor
- Remote Liquid feeding

### Headquarters & Factory

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