

Model FC-33-UV Precision Dispensing and UV Curing System

FEATURING:

- High Speed and Accuracy Servo Driven XYZ Motions
- Programmable pen writing Dispense Pattern and Parameters
- Top View CCTV with 6x Zoom Lens
- High performance Pattern Recognition System
- Flexible Programmable Magazine Handler or SMT Coveyer
- Flexible configuration of Dispensing Pumps / Valves
- Precision Needle Calibration and Height Sensors
- In-line UV Curing with programmable settings to meet precise process
- User friendly Windows based GUI operation menu
- Compact, space saving, high productivity and cost effective



FC-33-UV with Mag-to-Mag Handler



FC-33-UV with SMT Handler

FC-33-UV

Specifications

Dispense Head	
XYZ Travels	350 mmx 150mmx25mm
XYZ Resolution	5 um
XYZ Accuracy	+/-25 um
Vision System	
CCTV Optics	6X Zoom (Top View) Programmable LED Lightings
Pattern Recognition System	256 Grey Scale, 1/4 Pixel Accuracy
Handling System	
Mag-to-Mag	programmable Strip handling system
Max. Strip size	300 mm x 100mm
UV Curing Chamber	
UV Exposure Area	300mm x 150mm
UV Flood Light	Mercury Vapor 800 - 1200 Watts
Operation	
Display Monitor	19" Color LCD
Input Device	PC Keyboard, Trackball
Storages	HDD / Networks
Utility	
Electrical Supply	220/110 VAC, 3 KW 50/60 Hz Single Phase
Compressed Air	5 Bar (70 PSI), 0.5CFM
Dimension & Weight	1400mm(W)x1200(D)x1650(H), 600 Kg

Optional Module & Accessories

Dispenser Types

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

Dispenser Configurations

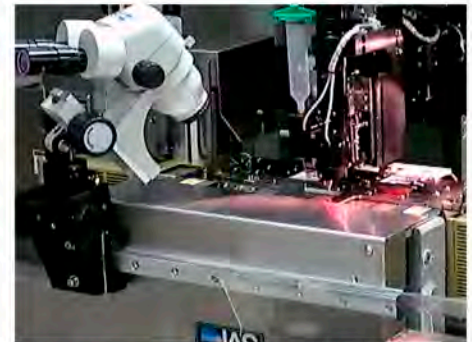
- Dual Alternating
- Synchronized Multi Barrel / Needle

Others

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



GUI Display of Menu and Image



Fully programmable strip handler



High Performance Auger Pump



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