

## FS700F Online Visual Dispensing Machine FPC Component Encapsulation Flip-Chip and BGA Underfill Dam & Fill Process SMT

Our Product Introduction

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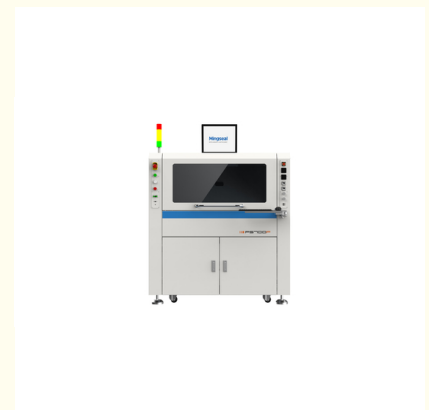
### Basic Information

- Place of Origin: China
- Brand Name: MingSeal
- Certification: ISO
- Model Number: FS700F
- Minimum Order Quantity: 1
- Price: \$28000-\$150000
- Packaging Details: WOODEN
- Delivery Time: 5-60 days
- Payment Terms: L/C, T/T, D/A, D/P, MoneyGram, Western Union

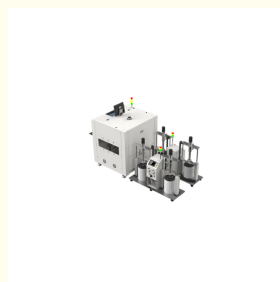
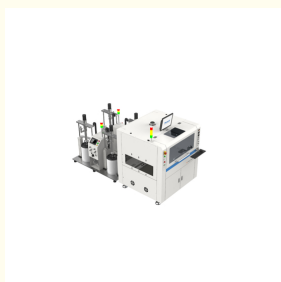


### Product Specification

- Condition: New
- Automatic Grade: Automatic
- Certification: ISO
- Structure: Floor-mounted Gantry(marble Frame +mobile Gantry )
- Name: FS700 Series Automatic Dispensing Equipment
- Transmission Method X/ Y Axis: X/ Y Linear Motor + Raster Ruler Z Servo Motor+ Screw Module
- Number Of Axis: 3 Axis
- Dimensions (W x D x H): 1360 x 1280 x 1550 Mm
- Dispensing Range ( W x D ) 900 x 600 Mm ( Single Valve Vertical Dispensing):
- Input Voltage: 220 VAC 50 ± Hz
- Warranty: 1 Year
- Power: 2.5 KW



### More Images



## Product Description

### FS700F Online Visual Dispensing Machine

FS700 series automatic dispensing equipment is a high- speed and high-precision online dispensing system which is developed based on the size requirements of large products such as power battery FPC and MiniLED.

The system can be provided with double- valve synchronization / double- valve asynchronization configurations, etc. to greatly improve the operation efficiency. It is mainly used in processes such as NTC encapsulation, MiniLED dispensing, Dam & Fill, Flip-chip and BGA underfill.

#### Typical Application

FPC Component Encapsulation  
Dam & Fill Process for MiniLED Dispensing  
SMT Component Dispensing Protection  
Flip-Chip and BGA Underfill

#### Technical Specifications

FS700F Online Visual Dispensing Machine	
Structure	Floor-mounted gantry(marble frame +mobile gantry )
Transmission Method X/ Y axis	X/ Y:Linear motor + Raster Ruler Z: Servo motor+ Screw module
Number of Axis	3 axis
Dimensions (W × D × H)	1360 × 1280 × 1550 mm
Dispensing Range ( W × D) ( Single valve vertical dispensing)	900 × 600 mm
Max. Speed X/ Y/ Z axis	X/ Y:1300 mm/ s Z: 500 mm/ s
Max. Accelerated Velocity X/ Y/ Z axis	X/ Y:1 . 3 g Z:0 . 5 g
Repeatability (3 sigma)	X/ Y: ± 0 . 015 mm Z: ± 0 . 005 mm
Positioning Accuracy (3 sigma)	X/ Y: ± 0 . 03 mm Z: ± 0 . 01 mm
Track Width Adjustment Method	Automatic width adjustment
Track width adjustment range	150 ~ 500 mm
Z axis Load	5kg
Conveyor Belt Load	5kg
Max. Substrate Thickness	0 . 5 ~ 10 mm
Max. Height of Devices on Top of PCB	25 mm
Max. Height of Devices on Bottom of PCB	25 mm
Conveyor Track	Stainless steel chains
Camera Pixels (Optional)	130 W black & white (Optional)
Light Source	RGB colored Light source (Optional)
Operating System	Win 10 64-bit system,FS 700 Dispensing Operating System
Input Voltage	220 VAC 50 ± Hz
Power	3 . 5 KW



**Mingseal** **Changzhou Mingseal Robot Technology Co., Ltd.**  
INTELLIGENT & EFFICIENT

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