

FS600 Series Online Visual Dispensing Machine Underfill Dam&Fill Lens Gluing PUR Adhesive Dispensing for Middle Bezel

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MingSeal
- Certification: ISO
- Model Number: FS600DF
- 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

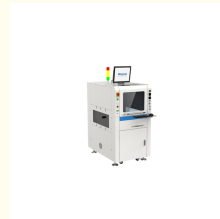


Product Specification

- Condition: New
- Automatic Grade: Automatic
- Certification: ISO
- After-sales Service Provided: Engineers Available To Service Machinery Overseas, Online Support, Video Technical Support, No Overseas Service Provided, Free Spare Parts
- Warranty: 1 Year
- Product Name: FS600DF Series Fully-automatic Dispensing Equipment Is A High-speed
- Appl I cation Fields: FATP/ SMT
- Frame Structure: Floor -mounted Gantry 3-axis
- Weight: 850kg
- Power Supply: 220V AV 50Hz
- Power: 3.6KW
- Inhale: (0.5Mpa 250L/min) ×2 Way



More Images



Product Description

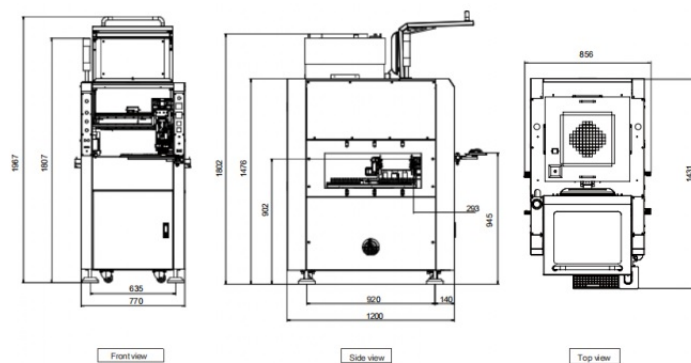
FS600 series Online Visual Dispensing Machine

FS600 series fully-automatic dispensing equipment is a high-speed, high-precision and cost-effective online dispensing system which is developed based on the needs of consumers' electronics industries such as FATP, SMT/VCM/CCM module assembly. The system integrates various core dispensing technologies and has rich configurations to meet the requirements of high-precision encapsulation, dam&fill, filling, bonding, assembly and other dispensing processes under complex working conditions.

Features and Advantages

Intelligent Fool- Proof
Production Information Management
Rich Process Applicability
High Speed and High Stability
High Convenience
Dimensions

Our Product Introduction



Optional Configurations

Cleaning Module	Low liquid level detection and alarm
Audible and Visual Alarm System	Weighing module
Vision Module	Laser calibration module
Air Pressure Regulation Module	Dustproof module
Piezoelectric Valve	Special cleaning module
Standard Operation Software	Dispensing Module (Screw valve /Precision Dispensing Controllers ,etc)
X/Y/Z Axis Reference Point Calibration Module	Double valve (Synchronous dispensing /Asynchronous dispensing)
IPC Industrial Control Computer	Tilt and Rotate Module
Nozzle Heating Device	360 ° Rotation Module
Single Track	Automatic loading/unloading
-	Bar code &QR code recognition
-	Track conveyor module (Double track /Double track parallel)
-	Lifting module (Blade Lifting /Platform Lifting)
-	Vacuum adsorption module

Technical Specifications

Basic parameters	FS6000	FS600F	FS600DF	FS600A	FS600DA
Application Fields	FATP/SMT	FATP/SMT	FATP/SMT	CCM/VCM	CCM/VCM
Frame Structure	Floor-mounted gantry 3-axis	Floor-mounted gantry 3-axis	Floor-mounted gantry 3-axis	Floor-mounted gantry 3-axis	Floor-mounted gantry 3-axis
Dimensions (W*D*H) (mm)	770×1200×1450mm	770×1200×1450mm	770×1200×1450mm	770×1200×1450mm	770×1200×1450mm
Weight	800kg	850kg	800kg	800kg	850kg
Power Supply	220V AV 50Hz	220V AV 50Hz	220V AV 50Hz	220V AV 50Hz	220V AV 50Hz
Power	2.8KW	3.6KW	2.8KW	2.8KW	3.6KW
Inhalation	(0.5Mpa, 250L/min) ×2 way	(0.5Mpa, 250L/min) ×2 way	(0.5Mpa, 250L/min) ×2 way	(0.5Mpa, 250L/min) ×2 way	(0.5Mpa, 250L/min) ×2 way

Dustproof Level	-	-	-	Class 100	Class 100
ESD	-	-	-	Optional	Optional
Working Ambient Temperature	23°C±5°C	23°C±5°C	23°C±5°C	23°C±5°C	23°C±5°C
Relative Humidity of Working Environment	20 ~ 90%	20 ~ 90%	20 ~ 90%	20 ~ 90%	20 ~ 90%
Motion System					
Transmission Mechanisms	X/Y: Linear motor Z: Servo motor & Screw module	X/Y: Linear motor Z: Servo motor & Screw module	X/Y: Linear motor Z: Servo motor & Screw module	X/Y: Linear motor Z: Servo motor & Screw module	X/Y: Linear motor Z: Servo motor & Screw module
Repeatability	X/Y: ±0.01mm Z: ±0.005mm	X/Y: ±0.01mm Z: ±0.005mm	X/Y: ±0.01mm Z: ±0.005mm	X/Y: ±0.01mm Z: ±0.005mm	X/Y: ±0.01mm Z: ±0.005mm
Positioning Accuracy	X/Y: ±0.02mm Z: ±0.01mm	X/Y: ±0.02mm Z: ±0.01mm	X/Y: ±0.015mm Z: ±0.01mm	X/Y: ±0.015mm Z: ±0.01mm	X/Y: ±0.015mm Z: ±0.01mm
Maximum Movement Speed	X/Y: 1300mm/s Z: 500mm/s	X/Y: 1300mm/s Z: 500mm/s	X/Y: 1300mm/s Z: 500mm/s	X/Y: 1300mm/s Z: 500mm/s	X/Y: 1300mm/s Z: 500mm/s
Maximum Acceleration Velocity	X/Y: 1.3g Z: 0.5g	X/Y: 1.3g Z: 0.5g	X/Y: 1.3g Z: 0.5g	X/Y: 1.3g Z: 0.5g	X/Y: 1.3g Z: 0.5g
Work platform parameters					
Visual Positioning Method	Mark	Mark	Mark/Product appearance features	Mark/Product appearance features	Mark/Product appearance features

Weighting Accuracy	0.1mg/0.01mg	0.1mg/0.01mg	0.1mg/0.01mg	0.1mg/0.01mg
Track Load-bearing Capacity	3kg	3kg	3kg	3kg
Track Width Adjustment Range (Signal track)	35~520mm	35~520mm	35~520mm	35~520mm
Substrate Thickness	0.5~9mm	0.5~9mm	0.1~9mm	0.1~9mm
Operating System	Windows 10	Windows 10	Windows 10	Windows 10
Communication Protocol	SMEMA/MES	SMEMA/MES	SMEMA/MES	SMEMA/MES
Minimum Board Edge Gap	4mm	4mm	4mm	4mm
Max. Height of Devices on Top of PCB	25mm	25mm	25mm	25mm
Max. Height of Devices on Bottom of PCB	25mm	25mm	5mm	5mm
Z axis Motion Range	40mm	40mm	40mm	40mm

Dispensing range (W*D)					
Ma x. Dis pen sin g Ra nge - wit h Loa din g & Unl oad ing (Si ngl e trac k)	280 x17 0mm	280x170mm	280x170mm	280x170mm	280x170mm
Ma x. Dis pen sin g Ra nge - w/o Loa din g & Unl oad ing (Si ngl e trac k/D oub le trac k)	360 x52 0mm m/3 60x 215 mm	400x520mm/400x215mm	400x520mm/400x215mm	400x520mm/400x215mm	400x520mm/400x215mm
Do ubl e Val ve Sy nch ron ous - w/o co mp ens atio n- Ma nua l adj ust me nt (Si ngl e trac k/D oub le trac k)		220x520mm/220x215mm		220x520mm/220x215mm	

Double Valve Synchronisation - w/o compensation - Automatic adjustment (Single track/Double track)	220×520mm/220×215mm		220×520mm/220×215mm	
Double Valve Synchronisation - with compensation (Single track/Double track)		320×520mm/320×215mm		320×520mm/320×215mm
Double Valve Asynchronous (Single track/Double track)	315×520mm/315×215mm		315×520mm/315×215mm	
Left - right Tilt Rotation (Single track/Double track)	180×480mm/180×195mm		180×480mm/180×195mm	

Back & forth Tilt Rotation (Single track/D ouble track)				
	280×425mm/280×165mm	-	280×425mm/280×165mm	-
360° Rotation (Single track/D ouble track)				
	240×455mm/240×180mm	-	240×455mm/240×180mm	-



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