

World Class Robotic Dispensing Solutions

- In-line High-Speed Dispensing Equipment.
- Table-Top Dispensing Machine.
- Cartesian Dispensing Machine.

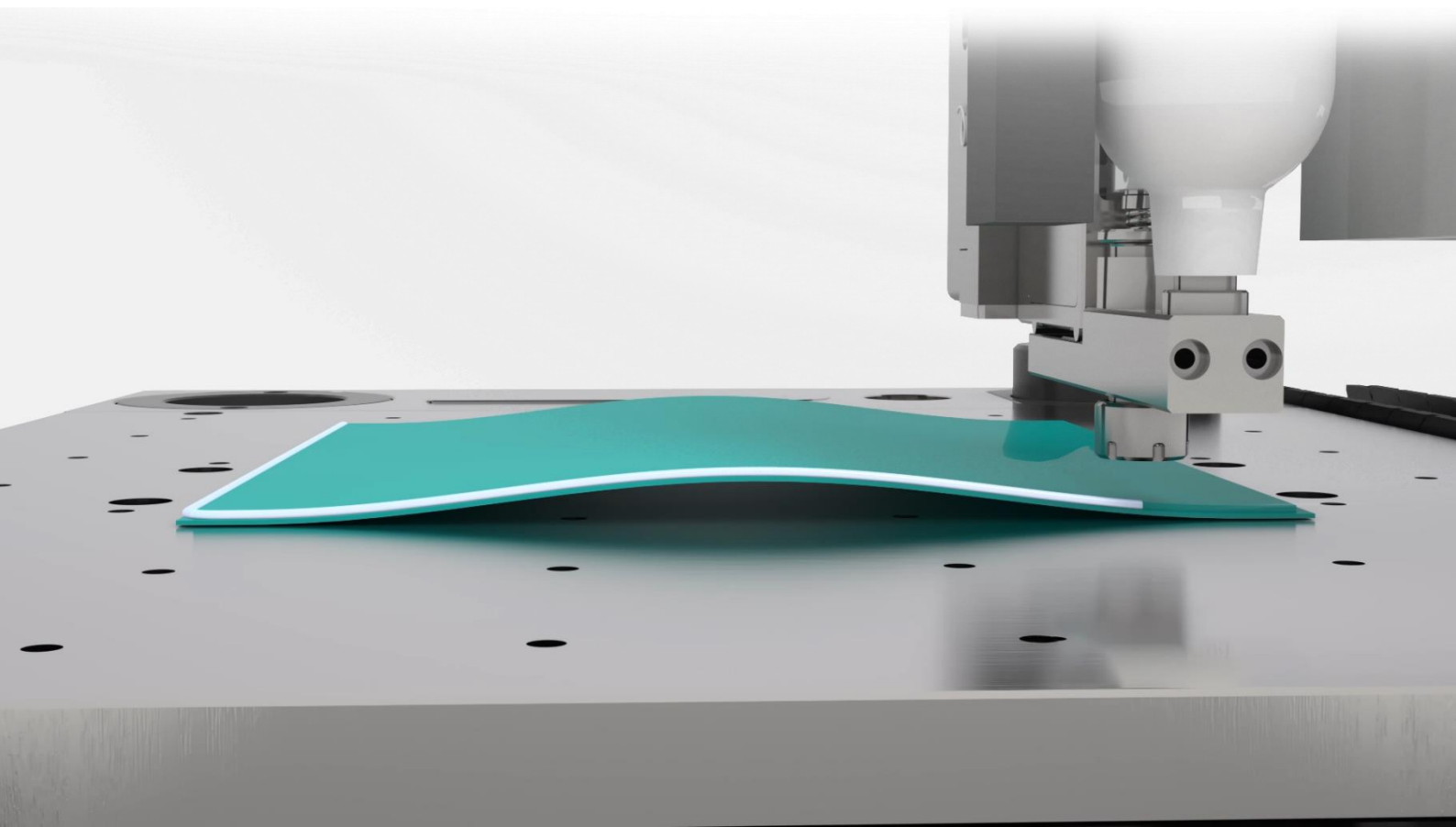
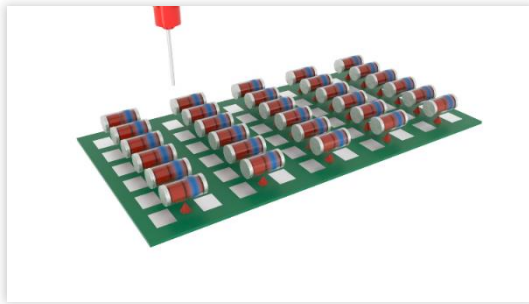


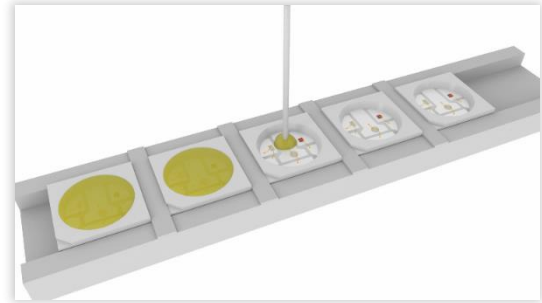
Table of Contents

Model	Name	Description
<u>Dispensing Equipment</u>		
<u>QS800</u>	In-line High-Speed Dispensing Machine	
<u>ET8283</u>	Table-Top Dispenser	200 Stroke
<u>ET8383</u>	Table-Top Dispenser	
<u>ET8383S</u>	Table-Top Dispenser	Ball Screw Gantry
<u>ET8483</u>	Table-Top Dispenser	
<u>ET8483S</u>	Table-Top Dispenser	Ball Screw Gantry
<u>ET8593</u>	Table-Top Dispenser	
<u>ET8393SF</u>	High-Performance Table-Top Dispenser	400mm Working Area (Optional)
<u>ET8583YA</u>	Table-Top Dispenser	Double Y Axis
<u>ET8583YAS</u>	Table-Top Dispenser	Double Y Axis
<u>ET8384</u>	Table-Top Dispenser	400mm Working Area (Optional)
<u>ET8J493SF</u>	Table-Top Dispenser	Vision Dispensing
<u>ESC40A</u>	Semi-Enclosed Workbench	
<u>8253N</u>	Cartesian Dispenser Machine	300mm Working Area (Optional)

Types of Robotic Dispensing Applications



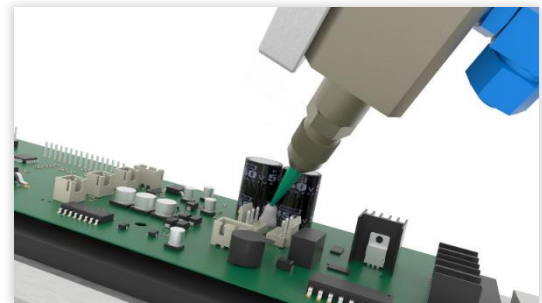
Component Bonding



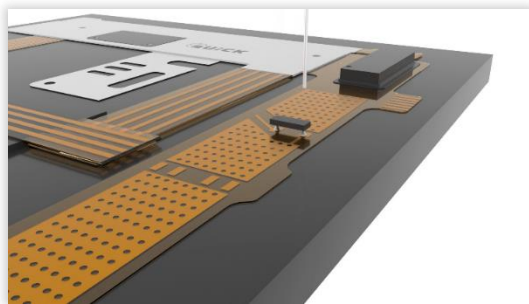
LED Encapsulation



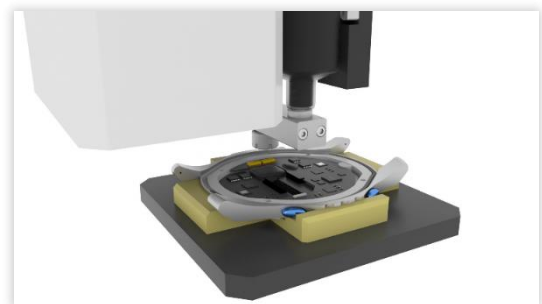
Underfill



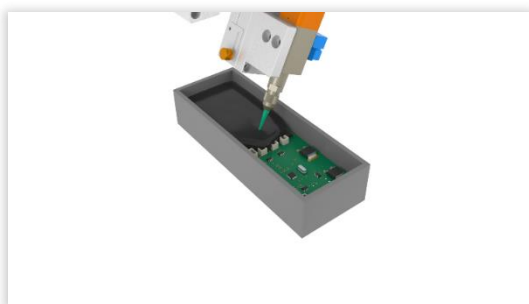
PCBA Makeup Strong



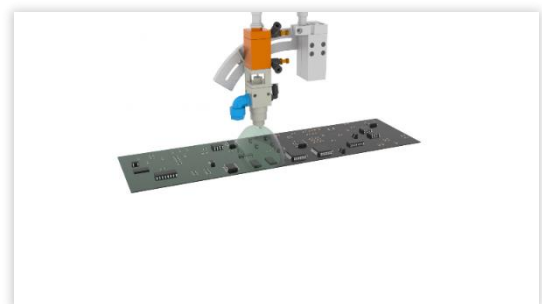
Conductive Plastic



Seal



Power Module Potting

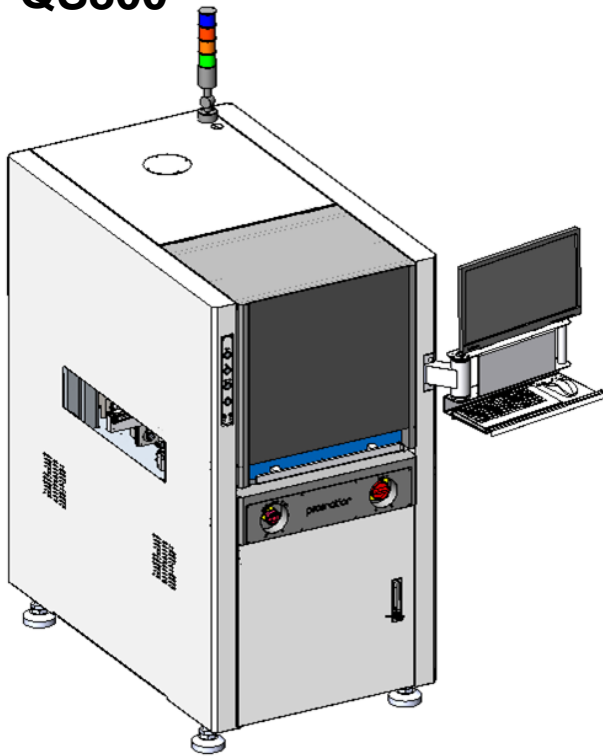


Three Anti-Paint

In-line High-Speed Dispensing Machine

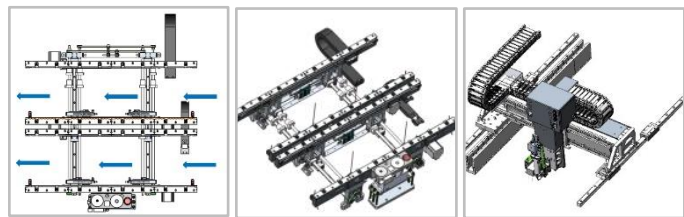
promotion

QS800



Features:

- Linear Motor grating ruler drive control system achieves higher precision and speed.
- Integrated: Vision System, Dynamic Dimming, Visual Generation.
- Injection Valve, Piezo Valve, Screw Valve, Cutting Valve can be configured.
- PID Heating system, multi-channel precision temperature control.
- High-Precision electronic scale to improve automatic weight control and flow control.
- Double valve synchronous jet dispensing, auxiliary valve X, Y, follow the adjustment and correction.
- Software continuous iteration and forward compatibility.
- Integrated casting frame, stable equipment and reliable structure.
- The effective dispensing area is wider and compatible with more product sizes.



System Specifications:

Function Configuration	System Specifications and Instructions	Function Configuration	System Specifications and Instructions
Model	QM800	Valve Nozzle Cleaning Device	Vacuum Nozzle
Dimensions	L* W* H: 800x1300x1530 mm	Alarm	Menu+Audible Alarm
Equipment Weight	994kg	Conveying track	With High Temperature Belt Conveyor 1 Segment Stop Mode
Control Method	Industrial PC+Motion Control Card	Transfer Speed	800 mm/min
Software	Based on Windows10 64bit Integrated control software	Conveying Amplitude Modulation	Single Track: Electric Amplitude Modulation, 50~540mm Double Track: Electric Amplitude Modulation, 50~235mm
Programmable	Import Placement Machine Files or Online Visual Programming	Equipment Power	AC220V 10A 50/60HZ
Number of Spindles	X,Y,Z	Equipment Air Pressure	≥0.66Mpa
Spindle Drive	X,Y Linear Motor+Z Servo Motor	Safety Standard	CE
Dispensing Stroke	Monorail X,Y: Single valve360 X 540mm, Dual Track X,Y: Single valve360 X 235mm,	Total Power	2KW
Number of Valves	1set (Optional double valve)	Communication Interface	SMEMA Standard or Specified
Maximum Moving Speed	1500mm/s	Conveyor System Width Adjustment	Automatic
Maximum Acceleration	1.5 G	Transmission Height	910+/-20mm
Component Height	Conveying Surface 50, Under 50 (Clamping), Upper 50, Under 50, (Bottom heating jacking)	Conveyor Belt	High Stability/Anti-Static Category: 6mm Flat Belt
Production Height	910+/-20mm	Ideal Product Edge Clearance	≥3mm
Production Accuracy	+/-0.015mm	Product Weight	Flat Belt 4KG
Repeat Accuracy	±0.01mm	Visual System	Camera:130 Million Pixels (optional)
Feeding Method	5CC/10CC/30CC/50CC		Vision:3.75X3.75 (No doubling)
Paint Inspection	Low Liquid Level Detection		Light Source: Coaxial Diffusion/Circular Oblique/Plane light option
Working Direction	LR,RL Free Switch	Standard Function	CCD Visual Positioning
Land Area	L* W* H: 1100x1600x1885 mm		LED Illumination
Exhaust Form	Rear upper row (passive type, can be equipped with active type)		Electrostatic Interface

Table-Top Dispenser

ET8283



Features:

- Focus on syringe dispensing, which can be applied to epoxy resin, solder paste, red glue, lubricating oil, UV Glue etc.
- It has the functions of communication, needle cleaning and starting point correction.
- There is suction air pressure alarm function, the lack of material alarm is optional.
- Simple appearance, small size, and space saving.
- The main frame is one-piece design, with strong load capacity, low machine noise, good stability, and precise speed control.
- Both the air pressure and the dispensing air pressure are adjustable, which can quickly provide dispensing pressure with fast response and high dispensing accuracy.
- Emergency stop switch, which is safe and reliable.
- Adding a hand slide valve can quickly cut off the gas source, which is convenient and quick.
- Real-time display of processing files (Most 255A), Equipment status, and the number of dispensing times, the processing program can be switched through the button, which is convenient and quick.

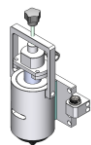
System Specifications:

Model		ET8283
Voltage		100~240VAC
Motor Axis		3 axis
Movement Range		200*200*50mm
Axis Range	X/Y axis	200 mm
	Z axis	50 mm
Speed Range	X/Y axis	0.1~600 (mm/sec)
	Z axis	0.1~300 (mm/sec)
Repeat Accuracy	X/Y/Z axis	0.01 mm
Load Weight	Platform	5 Kg
	Machine Head	2 Kg
Speed Control		Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed
Teaching File Capacity		Most Files 255A , Up to 60000 Points
Processing File Capacity		Most File 128A
Environmental Conditions	Temperature	0~40° C
	Humidity %	20%~90% (No condensation)
Dimensions W,X,D,X,H		400*405*480mm
Max Load Weight		23 kg

Optional Accessories: Dimensions:



Needle Calibration System



Hot melt glue syringe heater

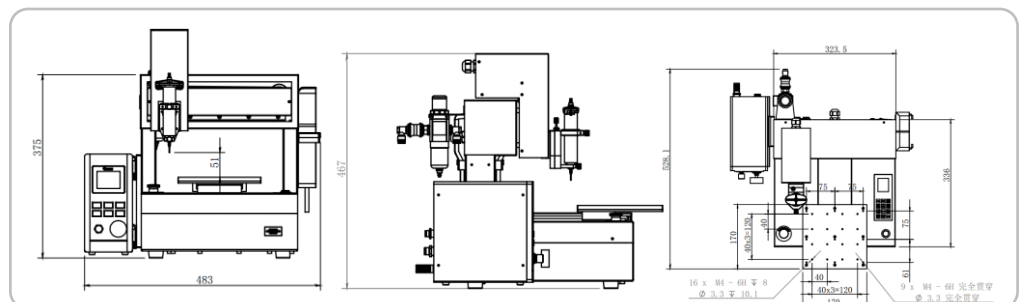


Table-Top Dispenser

ET8383(S)



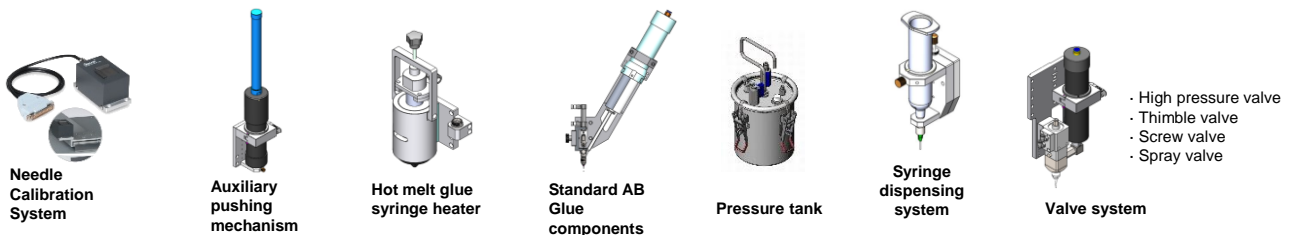
Features:

- Characteristic design, light body, easy to carry.
- Communication Functions, needle cleaning and starting point correction.
- Air pressure alarm function.
- Strong load capacity, the machine noise is low, good stability and speed control is accurate.
- Both the air pressure and dispensing air pressure are adjustable, which can quickly provide fast dispensing response and high dispensing accuracy.
- Emergency stop switch, which is safe and reliable.
- Adding a hand slide valve can quickly cut off the gas source, which is convenient and quick.
- Two-hand start button design (optional), and bayonet design on the top cover of the machine, making maintenance more convenient.
- Real-time display of processing files (Most 255A), Equipment status, and number of dispensing times, the processing program can be switched through the button, which is convenient and quick.

System Specifications:

Model		ET8383	ET8383S
Voltage		100~240VAC	100~240VAC
Motor Axis		3 axis	3 axis
Movement Range		300*300*100mm	300*300*100mm
Axis Range	X/Y axis	300 mm	300 mm
	Z axis	100 mm	100 mm
Speed Range	X/Y axis	0.1~600 (mm/sec)	0.1~600 (mm/sec)
	Z axis	0.1~300 (mm/sec)	0.1~300 (mm/sec)
Repeat Accuracy	X/Y/Z axis	0.01 mm	0.01 mm
Load Weight	Platform	8 Kg	8 Kg
	Nose (Z axis)	2 Kg (Stepper Motor+Belt)	5 Kg (Stepper motor+Precision ball screw)
Speed Control		Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed	Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed
Teaching File Capacity		Most Files 999, Up to 60000 Points	Most Files 999, Up to 60000 Points
Processing File Capacity		Most Files 255	Most Files 255
Environmental Conditions	Temperature	0~40° C	0~40° C
	Humidity %	20%~90% (No condensation)	20%~90% (No condensation)
Dimensions W,X,D,X,H		610*650*630mm	610*650*630mm
Max Load Weight		36 kg	37 kg

Optional Accessories:



Dimensions:

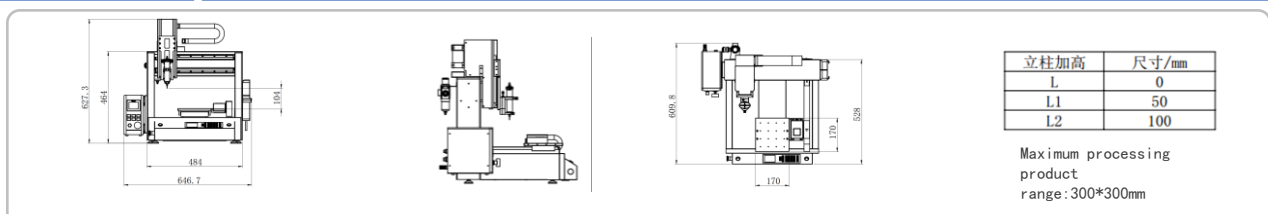


Table-Top Dispenser

promotion

ET8483(S)



Features:

- Characteristic design, light body, easy to carry.
- Communication Functions, needle cleaning and starting point correction.
- Air pressure alarm function.
- Strong load capacity, the machine noise is low, good stability and speed control is accurate.
- Both the air pressure and dispensing air pressure are adjustable, which can quickly provide fast dispensing response and high dispensing accuracy.
- Emergency stop switch, which is safe and reliable.
- Adding a hand slide valve can quickly cut off the gas source, which is convenient and quick.
- Two-hand start button design (optional), and bayonet design on the top cover of the machine, making maintenance more convenient.
- Real-time display of processing files (Most 255A), Equipment status, and number of dispensing times, the processing program can be switched through the button, which is convenient and quick.

System Specifications:

Model		ET8483	ET8483S
Voltage		100~240VAC	100~240VAC
Motor Axis		3 axis	3 axis
Movement Range		400*400*100mm	400*400*100mm
Axis Range	X/Y axis	400 mm	400 mm
	Z axis	100 mm	100 mm
Speed Range	X/Y axis	0.1~600 (mm/sec)	0.1~600 (mm/sec)
	Z axis	0.1~300 (mm/sec)	0.1~300 (mm/sec)
Repeat Accuracy		X/Y/Z axis 0.01 mm	0.01 mm
Load Weight	Platform	8 Kg	8 Kg
	Nose (Z axis)	2 Kg (Stepper motor+Belt)	5 Kg (Stepper motor+Precision ball screw)
Speed Control		Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed	Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed
Teaching File Capacity		Most Files 999, Up to 60000 Points	Most Files 999, Up to 60000 Points
Processing File Capacity		Most Files 255	Most Files 255
Environmental Conditions	Temperature	0~40° C	0~40° C
	Humidity %	20%~90% (No condensation)	20%~90% (No condensation)
Dimensions W,X,D,X,H		710*760*645mm	710*760*645mm
Max Load Weight		48 kg	49 kg

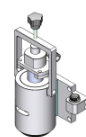
Optional Accessories:



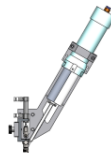
Needle Calibration System



Auxiliary pushing mechanism



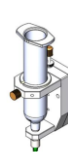
Hot melt glue syringe heater



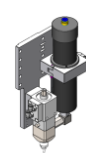
Standard AB Glue components



Pressure tank



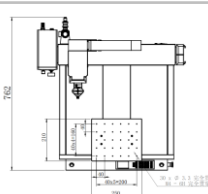
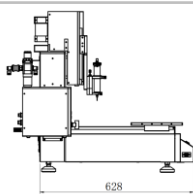
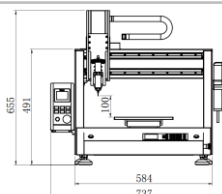
Syringe dispensing system



Valve system

- High pressure valve
- Thimble valve
- Screw valve
- Spray valve

Dimensions:



立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processing product range: 400*400mm

Table-Top Dispenser

promotion

ET8593

Features:



- Characteristic design, light body, easy to carry.
- Communication Functions, needle cleaning and starting point correction.
- Air pressure alarm function.
- Strong load capacity, the machine noise is low, good stability and speed control is accurate.
- Both the air pressure and dispensing air pressure are adjustable, which can quickly provide fast dispensing response and high dispensing accuracy.
- Emergency stop switch, which is safe and reliable.
- Adding a hand slide valve can quickly cut off the gas source, which is convenient and quick.
- Two-hand start button design (optional), and bayonet design on the top cover of the machine, making maintenance more convenient.
- Real-time display of processing files (Most 255A), Equipment status, and number of dispensing times, the processing program can be switched through the button, which is convenient and quick.

System Specifications:

Model		ET8593
Voltage		100~240VAC
Motor Axis		3 axis
Movement Range		500*500*100mm
Axis Range	X/Y axis	500 mm
	Z axis	100 mm
Speed Range	X/Y axis	0.1~600 (mm/sec)
	Z axis	0.1~300 (mm/sec)
Repeat Accuracy		X/Y/Z axis 0.01 mm
Load Weight	Platform	8 Kg
	Nose (Z axis)	2 Kg (Stepper motor+Belt)
Speed Control		Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed
Teaching File Capacity		Most Files 999, Up to 60000 Points
Processing File Capacity		Most Files 255
Environmental Conditions	Temperature	0~40° C
	Humidity %	20%~90% (No condensation)
Dimensions W,X,D,X,H		696*692*655mm
Max Load Weight		64 kg

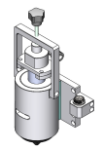
Optional Accessories:



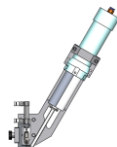
Needle Calibration System



Auxiliary pushing mechanism



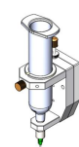
Hot melt glue syringe heater



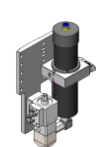
Standard AB Glue components



Pressure tank



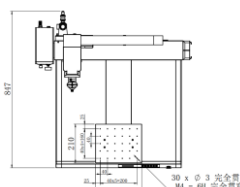
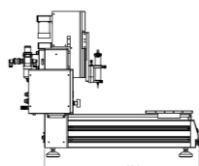
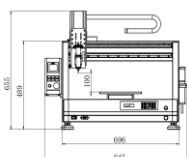
Syringe dispensing system



Valve system

- High pressure valve
- Thimble valve
- Screw valve
- Spray valve

Dimensions:



立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processing product range: 500*500mm

Table-Top Dispenser

promotion

ET8393SF/8493SF



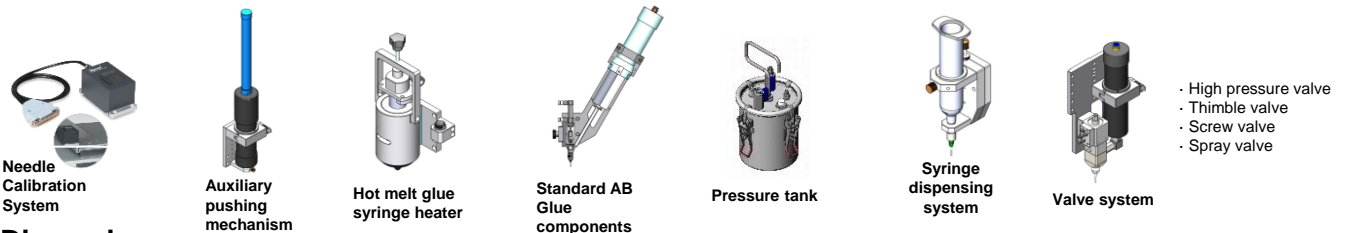
Features:

- Characteristic design, light body, easy to carry.
- Communication functions, needle cleaning and starting point correction.
- Both the air pressure and the dispensing air pressure are adjustable, which can quickly provide dispensing pressure with fast response and high dispensing accuracy.
- X,Y,Z, The axis adopts imported servo motor and linear double guide Rail+Screw configuration, strong load capacity and better stability.
- Emergency stop switch, which is safe and reliable,
- Adding hand slide valve can quickly cut off the air source, which is convenient and quick.
- Real-time display of processing files(Most 255A), equipment status, and the number of dispensing times, the processing program can be switched through the button, which is convenient and quick.

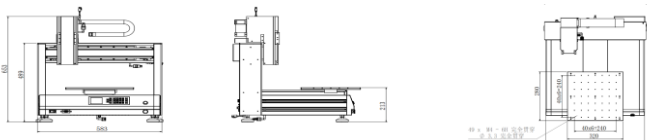
System Specifications:

Model		ET8393SF	ET8493SF
Voltage		100~240VAC	100~240VAC
Motor Axis		3 axis	3 axis
Movement Range		300*300*100mm	400*400*100mm
Axis Range	X/Y axis	300 mm	400 mm
	Z axis	100 mm	100 mm
Speed Range	X/Y axis	0.1~800 (mm/sec)	0.1~800 (mm/sec)
	Z axis	0.1~300 (mm/sec)	0.1~300 (mm/sec)
Repeat Accuracy	X/Y/Z axis	0.01 mm	0.01 mm
Load Weight	Platform	8 Kg (Servo Motor+Precision ball screw)	8 Kg (Servo Motor+Precision ball screw)
	Nose (Z axis)	5 Kg (Servo Motor+Precision ball screw)	5 Kg (Servo Motor+Precision ball screw)
Speed Control		Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed	Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed
Teaching File Capacity		Most Files 999, Up to 60000Points	Most Files 999, Up to 60000 Points
Processing File Capacity		Most Files 255	Most Files 255
Environmental Conditions	Temperature	0~40° C	0~40° C
	Humidity %	20%~90% (No condensation)	20%~90% (No condensation)
Dimensions W,X,D,X,H		610*650*630mm	640*640*750mm
Max Load Weight		48 kg	49 kg

Optional Accessories:



Dimensions:



立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processing product range:
 ET8393SF: 300*300mm
 ET8393SF: 400*400mm

Table-Top Dispenser

promotion

ET8583YA(S)



Features:

- Characteristic design, light body, easy to carry.
- Double design saves waiting time for loading and unloading and is more efficient.
- Communication function, needle cleaning, starting point correction function
- Suction air pressure alarm function, the lack of material alarm is optional.
- Strong load capacity, the machine noise is low, good stability and speed control is accurate.
- Both the air pressure and the dispensing air pressure are adjustable, which can quickly provide dispensing pressure with fast response and high dispensing accuracy.
- Emergency stop switch, which is safe and reliable.
- Adding a hand slide valve can quickly cut off the gas source, which is convenient and quick.
- Two-hand start button design (optional), and bayonet design on the top cover of the machine, making maintenance more convenient.
- Real-time display of processing files (Most 255A), equipment status, and the number of dispensing times, the processing program can be switched through the button, which is convenient and quick.

System Specifications:

Model		ET8583YA	ET8583YAS
Voltage		100~240VAC	100~240VAC
Motor Axis		Belt standard, screw (optional)	Belt standard, screw (optional)
Movement Range		500mm	500mm
Axis Range	X/Y axis	400mm	400mm
	Z axis	100mm	100mm
Speed Range	X/Y axis	0.1~800 (mm/sec)	0.1~800 (mm/sec)
	Z axis	0.1~300 (mm/sec)	0.1~300 (mm/sec)
Repeat Accuracy	X/Y/Z axis	±0.01 mm	±0.01 mm
Load Weight	Platform	8 Kg	8 Kg
	Nose (Z axis)	2 Kg (Stepper Motor+Belt)	5 Kg (Stepper Motor+Precision ball screw)
Speed Control		Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed	Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed
Teaching File Capacity		Most Files 999, Up to 60000 Points	Most Files 999, Up to 60000 Points
Processing File Capacity		Most Files 255	Most Files 255
Environmental Conditions	Temperature	0~40° C	0~40° C
	Humidity %	20%~90% (No condensation)	20%~90% (No condensation)
Dimensions W,X,D,X,H		762*833*655(mm)	762*833*655(mm)

Optional Accessories:



Dimensions:

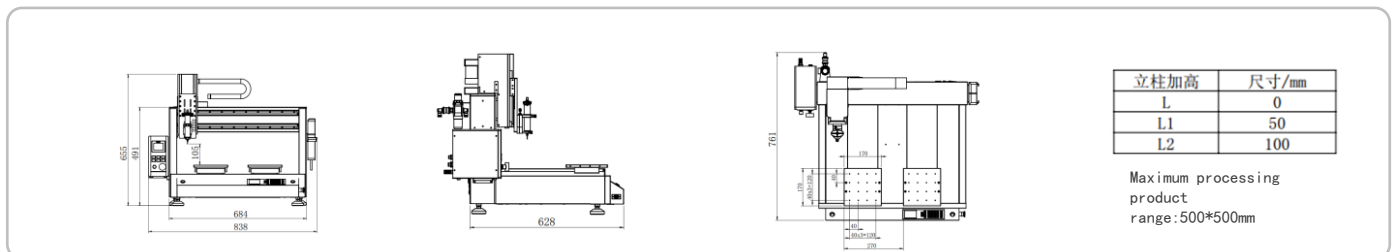


Table-Top Dispenser

promotion

ET8384/8484



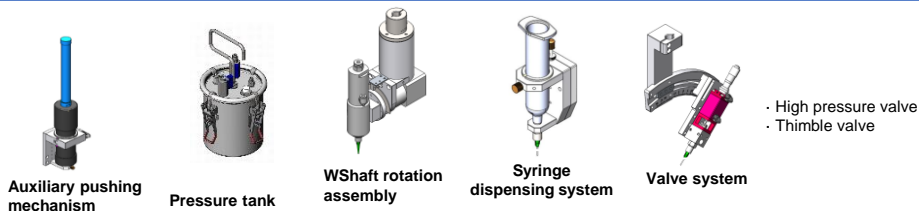
Features:

- Communication functions, needle cleaning and starting point correction.
- Rotable shaft 360, process application is flexible and convenient.
- Air pressure alarm function, the lack of material is optional.
- Both the air pressure and the dispensing air pressure are adjustable, which can quickly provide dispensing pressure with fast response and high dispensing accuracy.
- Emergency stop switch, which is safe and reliable.
- Adding a hand slide valve can quickly cut off the gas source, which is convenient and quick.
- Strong load capacity, the machine noise is low, good stability, and speed control is accurate.
- RS-485 the communication function can be connected with the computer to monitor and set the temperature and output parameters in real time.
- Accessible PC Read data, Upload data to MES System, Real-time and reliable.
- Real-time display of processing files (Most 255A), equipment status, temperature, running status, and running times can switch the processing program by pressing the button, convenient.

System Specifications:

Model		ET8384	ET8484
Voltage		100~240VAC	100~240VAC
Motor Axis		4 axis	4 axis
Movement Range		300*300*100mm*±180°	400*400*100mm*±180°
Axis Range	X/Y axis	300 mm	400 mm
	Z axis	100 mm	100 mm
Speed Range	X/Y axis	0.1~600 (mm/sec)	0.1~600 (mm/sec)
	Z axis	0.1~300 (mm/sec)	0.1~300 (mm/sec)
Repeat Accuracy	X/Y/Z axis	0.01 mm	0.01 mm
Load Weight	Platform	8 Kg	8 Kg
	Nose (Z,R axis)	3 Kg (Stepper Motor+Precision ball screw)	3 Kg (Stepper Motor+Precision ball screw)
Speed Control		Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed	Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed
Teaching File Capacity		Most Files 999, Up to 60000 Points	Most Files 999, Up to 60000 Points
Processing File Capacity		Most Files 255	Most Files 255
Environmental Conditions	Temperature	0~40° C	0~40° C
	Humidity %	20%~90% (No condensation)	20%~90% (No condensation)
Dimensions W,X,D,X,H		536*540*836mm	640*640*836mm
Max Load Weight		48 kg	49 kg

Optional Accessories:



Dimensions:

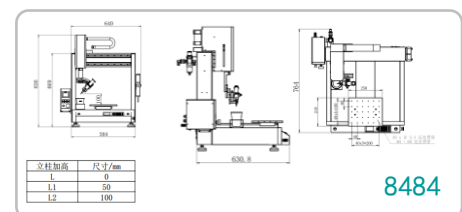
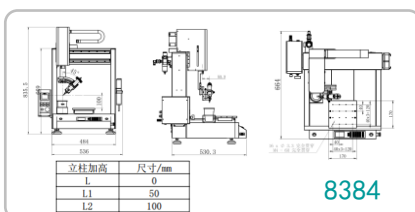
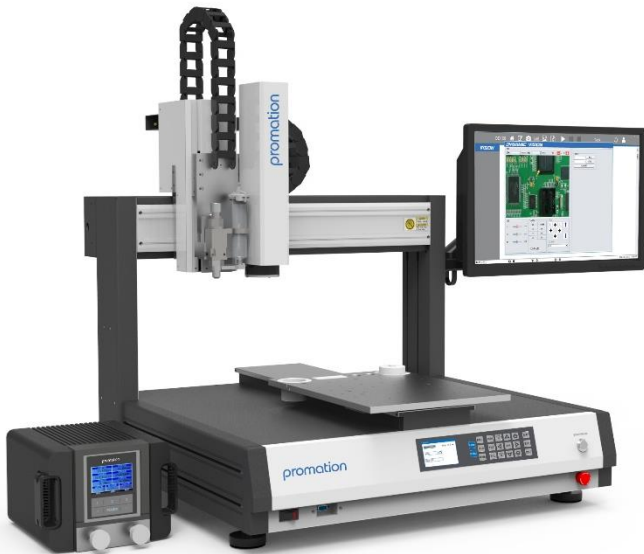


Table-Top Dispenser

ET8J493



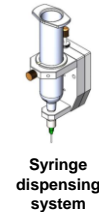
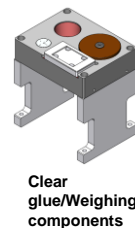
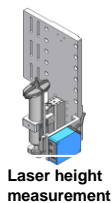
Features:

- The non-contact type can effectively avoid the common problems of needle dispensing (needle bending, damage to components, needle dispensing, glue hanging, etc.) and improve production efficiency.
- The visual recognition system effectively solves the problem of consistency of workpieces and tooling and realizes precise dispensing.
- High speed, up to frequency 200HZ (No need Z Axis movement, jetting speed up to 270 point/Seconds, its traditional dispensing 3-8 Times).
- High precision (greatly improve marking quality, minimum glue amount and it has a consistency that cannot be achieved by traditional dispensing).
- High flexibility (can dispense glue in a narrow gap to achieve the smallest under fill edge dispensing, can handle a variety of industrial glues and high-viscosity dispensing, with a wider range of applications).
- Low maintenance, long life (vacuum suction residual glue, automatic nozzle cleaning).
- Wide range of application, flexible nozzle firing pin combination, can use various viscosity liquids.
- X,Y,Z, The axis adopts imported servo motor and linear double guide Rail+Screw configuration, strong load capacity and better stability.

System Specifications:

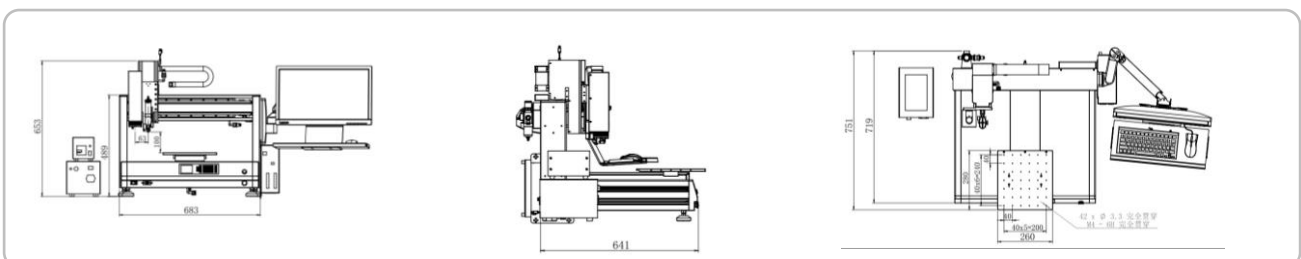
Model		ET8J493SF
Voltage		100~240VAC
Motor Axis		3 axis
Movement Range		400*400*100mm
Axis Range	X/Y axis	400 mm
	Z axis	100 mm
Speed Range	X/Y axis	0.1~800 (mm/sec)
	Z axis	0.1~300 (mm/sec)
Repeat Accuracy		X/Y/Z axis 0.01 mm
Load Weight	Platform	8 Kg (Servo Motor+Precision ball screw)
	Nose (Z axis)	5 Kg (Servo Motor+Precision ball screw)
Speed Control		Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed
Teaching File Capacity		Most Files 999, Up to 60000 Points
Processing File Capacity		Most Files 255
Environmental Conditions	Temperature	0~40° C
	Humidity %	20%~90% (No condensation)
Dimensions W,X,D,X,H		640*640*750mm
Max Load Weight		67 kg

Optional Accessories:



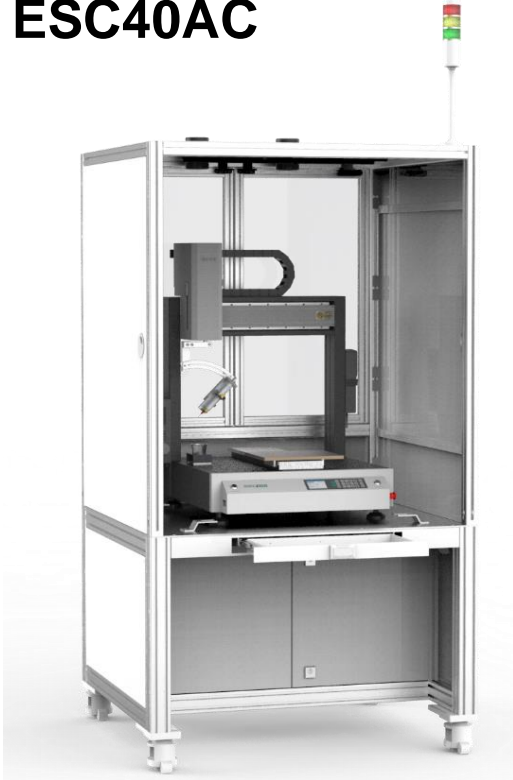
- High pressure valve
- Thimble valve
- Screw valve
- Piezo valve
- Injection valve

Dimensions:

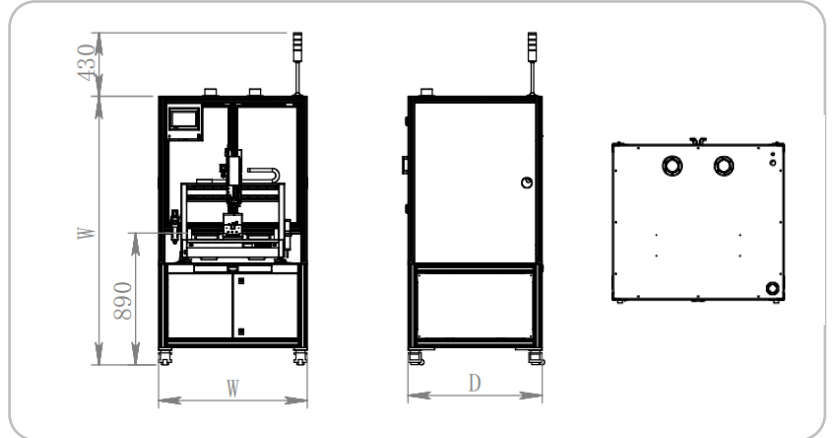


Semi-Enclosed Workbench

ESC40AC



Dimensions:



* Without Dispenser Machine

Specification Table:

Work Model	Working Table-Top Size			Maximum Stroke of Applicable Equipment		Model
	Width (W)	Deep (D)	High (H)	X	Y	
ECS40AB	1000mm	900mm	1800mm	500mm	400mm	ET8583YA / ET8583YAS
						ET8593 / ET8593S
ECS40AC	900mm	900mm	1800mm	400mm	400mm	ET8483 / ET8483S
				400mm	400mm	ET8J493SF
				400mm	400mm	ET8484
				300mm	300mm	ET8383 / ET8383S

Cartesian Dispensing Machine

promotion

8253N/8353N



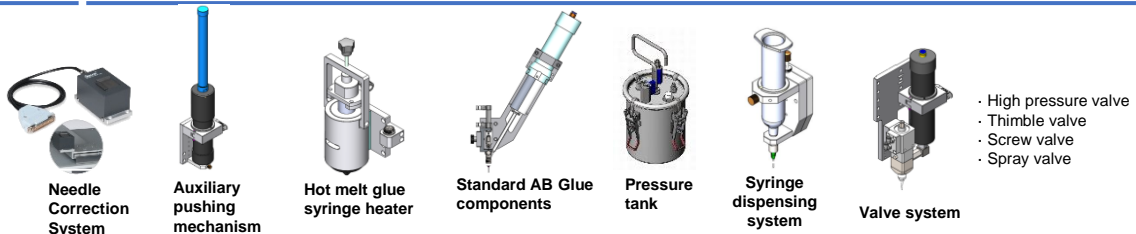
Features:

- Can be seamlessly connected with other modules, greatly improving production efficiency.
- Dispensing speed, time, angle, etc. Can be controlled freely.
- Can be equipped with an intelligent vision system to automatically identify the products to be processed.
- Easy to install and debug, with high-precision piston, excellent fluidity and high-pressure resistance to ensure high-precision dispensing.
- Strong versatility, suitable for Red Glue, UV Glue, AB Glue, Epoxy Resin, Flux, etc.

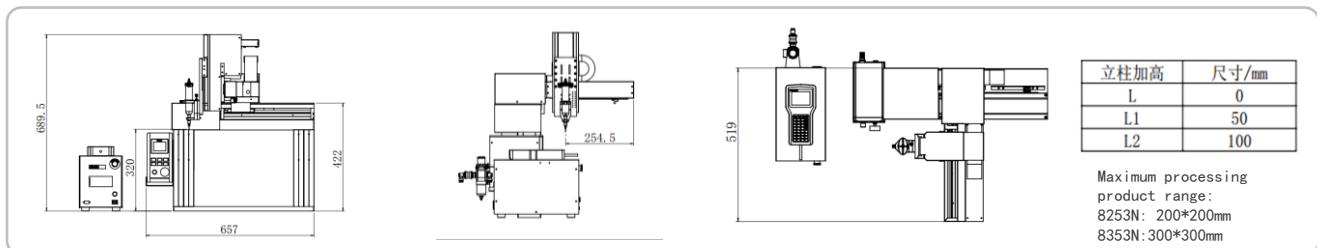
System Specifications:

Model		8253N	8353N
Voltage		100~240VAC	100~240VAC
Motor Axis		3 axis	3 axis
Movement Range		200*200*100mm	300*300*100mm
Axis Range	X/Y axis	200 mm	300 mm
	Z axis	100 mm	100 mm
Speed Range	X/Y axis	0.1~600 (mm/sec)	0.1~600 (mm/sec)
	Z axis	0.1~300 (mm/sec)	0.1~300 (mm/sec)
Repeat Accuracy	X/Y/Z axis	0.01 mm	0.01 mm
Load Weight	Platform	8 Kg (Servo Motor+Precision ball screw)	8 Kg (Servo Motor+Precision ball screw)
	Nose (Z axis)	5 Kg (Servo Motor+Precision ball screw)	5 Kg (Servo Motor+Precision ball screw)
Speed Control		Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed	Three-dimensional linear and arc interpolation, automatic speed increase and decrease processing with forward speed
Teaching File Capacity		Most Files 999, Up to 60000 Points	Most Files 999, Up to 60000 Points
Processing File Capacity		Most Files 255	Most Files 255
Environmental Conditions	Temperature	0~40° C	0~40° C
	Humidity %	20%~90% (No condensation)	20%~90% (No condensation)
Dimensions W,X,D,X,H		657*520*690mm	757*620*690mm
Max Load Weight		39 kg	49 kg

Optional Accessories:



Dimensions:





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