



Catálogo

Online Potting Machine



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PM-500S has obvious cost-effective advantages in two-component online potting machine equipment. The design is simple and suitable for the potting of multi-specifications products. To ensure the system stable and reliable, the XYZ three-axis motion modules are assembled with high-precision ball screws and servo motors and configure with a simple and friendly human-computer interface.

Application

- Two-component epoxy resin
- Two-component polyurethane
- Two-component silicone

Features

1. Adopting overall rigid motion platform to ensure the operation stability of machine.
2. Professional motion control and high-quality module structure have laid a solid foundation for high-load and high-precision operation
3. Software with independent intellectual property rights, friendly man-machine interface, easy for beginners to operate
4. Strong process control capability ensures high quality of potting machine.
5. Support visual programming and manual trial teaching
6. Automatic cleaning device for valve
7. Equipped with standard SMEA interface which is easy communication with other devices
8. QR code, barcode scanning, automatic program calling, foolproof, data statistics and other functions to achieve intelligent manufacturing.

Parameters

Glue potting parameters	Potting range	MAX L 45 0mm*W 45 0mm
	Metering Pump	Screw pump or gear pump(Optional)
	Metering drive	Stepper motor (servo motor drive optional)
	Raw material tank	5L, 15L, 30L, 60L optional
	Liquid level alarm	German WIKA liquid level sensor
	Pressure detection	German WIKA pressure sensor (optional)
	Glue control accuracy	± 1%
	Proportioning accuracy	±3 %
	Glue control speed	0.5g/s----20g/s
	Scale range	100:100---100:10
	Fixture edge	more than 15mm
Motion mechanism	Positioning accuracy	0.02mm
	Repeatability	0.01mm
	X, Y maximum speed	1000mm/s
	X, Y drive mode	Servo motor + screw module
	Z Max speed	500mm/s
	Z drive mode	Servo motor + screw module
Conveying unit	Working direction	Left→Right (Standard) Right→Left (Optional)
	Conveyor line height	900mm ± 20mm
	Width adjustment	Electric automatic width adjustment
	Width range	150mm→450mm
	Transfer speed	10m m/s --300m m/s
control and operating system	Control method	PLC + motion control card
	Programming mode	Manual teaching
	Software	Sanco
	Communication port	Standard SMEMA Interface
Space requirements	Dimensions	L1 65 0mm*W1 15 0mm*H1700mm
	Equipment weight	660kg
	Equipment air pressure	≥0.4MP
	Equipment power	2.2KW
	Device power	AC220V 50/60HZ

