



Catálogo

Vacuum Potting Machine



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The vacuum potting machine is a product that requires the filling and sealing operation in a vacuum environment. It only needs to manually put the product into the jig manually, and it enter the vacuum box automatically , the sealing door is automatically closed to create vacuum, and the automatic proportioning and quantitative filling is performed in a vacuum environment; This equipment mainly solves the problem of bubbles after the product is cured.

Features

1. Genuine Windows system, easy to learn and understand;
2. Sanco's unique control software not only move plane trajectories such as points, lines, circles, arcs, etc., but also complete advanced functions such as three-dimensional gluing through program editing;
3. On-line rail conveying, which can be connected to equipment such as connecting table and curing furnace, and fully automatic assembly line type vacuum environment potting operation;
4. The vacuum pump imported from Germany has fast pumping speed, low noise, high sealing performance of the vacuum box, and the vacuum degree can be adjusted independently to ensure that the product has no bubbles;
5. The second-level valve is adopted, and the glue discharge head does not drip or leak glue in a vacuum environment;
6. Fully automatic cleaning, cleaning the valve and mixing part, the operation is simple and convenient;
7. It can carry out automatic proportioning of two-component glue, and the proportion can be adjusted by software;
8. Automatic mixing, abnormal rotation of stirring core;
9. With vacuum feeding, vacuum defoaming, stirring, heating, liquid level detection and other functions.

Parameters

Glue potting parameters	Potting range	MAX L 300mm*W 300mm
	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/sq
	Scale range	100:100---100:10
Motion mechanism	Fixture edge	more than 15mm
	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
Vacuum unit	Z drive mode	Servo motor + screw module
	Ultimate vacuum level of vacuum box	2mbar
	Ultimate vacuum level of raw material tank	
	Vacuum pump flow	100m³/h (According to the actual requirement)
Conveying unit	Vacuum pump type	Single stage rotary vane vacuum pump (Double stage rotary optical)
	working direction	L→R (Standard) R→L(Optional)
	conveyor line height	900mm ± 20mm
	Width adjustment	Electric automatic width adjustment
	Width range	150mm→450mm
control and operating system	transfer speed	10m m/s --300m m/s
	control method	PLC + motion control card
	Programming mode	Manual teaching
	Software	Self-developed products by Sacno
Space requirements	Communication port	Standard SMEMA Interface
	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	