KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

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NAME：KXT-02M Glue filling machine



Introduction：

Glue filling machine, also known as AB double liquid glue filling machine and automatic dispensing machine, is specialised in silicone potting glue for potting on the surface of the product or the product inside the automated machine, so that it can achieve the role of sealing, fixing, waterproofing and other equipment. Glue filling machine equipment is mainly used in the fluid control industry, the application of control glue to seal products and workpieces. The working principle of the glue filling machine is to use compressed air to control the on/off switch of the glue outlet valve, and use the pump to transport the glue from the glue storage barrel to the switch mixing part.

This equipment is specially designed for two-component AB glue filling machine. The glue and curing agent are automatically proportioned, mixed and dispensed. The proportioning and metering of A/B glue adopt high progress metering pumps and motors to achieve accurate proportioning and glue output, which is not affected by air pressure. The machine automatically quantitative filling, microcomputer control of the amount of glue, the amount of glue is uniform, to solve the phenomenon of manual application of glue caused by the inconsistency of the amount of glue for each product and affect the quality of the product.

Improve the customer's original manual production process. Save glue, instead of manual labour, reduce defective products, improve product quality, increase production, reduce production costs, enhance the competitiveness of enterprises.

Parameters：

1) Name：Handheld Glue Filling Machine
2) Model/Specification: GWT-02M
3) Activation method: foot switch/activation button
4) Proportioning accuracy: ±1%
5) Measurement accuracy: ±1 per cent
6) Output accuracy: ±1%
7) Ratio: 10:1 adjustable.
8) Spitting speed: 1g-15g/s adjustable.
9) Measuring method: Servomotor + high precision gear metering pumps
10) Tank material: AB stainless steel tank
11) Tank capacity: A 30 litres B 10 litres
12) Vacuum pump: A, B glue vacuum defoaming
13) Hose: Teflon tube
14) Mixing method: static (optional)

Machine performance：

1) Easy to learn and understand the Chinese language operation interface.
2) The ratio and the amount of glue can be adjusted at will, no need to program, just set the amount of glue to be discharged.
3) Stable glue output, no glue leakage.
4) Mixing and gluing on demand to maximise glue savings.
5) Dual tank design, A glue and B glue are stored separately to ensure that the glue does not cure after a long period of time.
6) Unique control system, not affected by air pressure factors, to avoid uneven glue output, pulling, bubbles and other phenomena.
7) The storage barrel is equipped with liquid level sensor switch, and the lack of material is automatically alarmed.
8) The AB drums are made of stainless steel and are suitable for different glues and different types of filling processes.
9) Automatic cleaning function, easy and fast cleaning.
10) With anti-curing function, effectively preventing the glue from curing in the mixing tube.
11) Save labour, one machine can produce as much as 2-4 people traditionally.

Machine Configuration：

control system	PLC+Touch Screen
software system	self-development
temperature control system	Temperature setting in the touch screen within the integrated PLC
A/B metering pump body	High precision gear metering pumps
AB Hose	Teflon high pressure hose
A/B metering motor	Servo motor + drive
A/B drums	A: 30L/B: 10L
automatic cleaning	2L Wash Tank/Three Way Valve
AB Dynamic Mixing Valve	Independent research and development
Liquid level monitoring	Float
Air source pressure monitoring	QPM11-NC Normally Closed
switching mode power supply	Taiwan Mingwei LRS-200
air switch	Chintz
relay (electronics)	Chintz
Solid State Relay	Meghal (name)
External main switch	red wave
tricolour	Meiyijia
Equipment keel	4040 Profile
Equipment Sheet Metal	Eco-friendly stainless steel 1mm
Equipment power	2800W
Machine external dimensions	Approx. 760*660*1400mm
Operating power	AC220V 50-60HZ
Operating air supply	0.5-0.7Mpa
Machine weight	Approx. 120KG

Packaging

Packaging Material: Carton/Wooden case with foam inside.

1. General package(Paper carton or plastic bag): For small equipped parts for Digital CNC Wire Coil Winding Machine, Package it with form and pack paper to guarantee unbroken during the transport.

2.Wooden case package: For larger scale Digital CNC Wire Coil Winding Machine ,we have special skilled carpenter, who would make the proper wooden case with exact thickness, density,length. The up arrow ↑marked on the outer wooden case. Buffer material would be put in the wooden case to prevent crack and shock.

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FACTORY:

Founded in 1993, KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD. has established itself as a well-known manufacturer specializing in high-performance winding machines, along with supporting production equipment, auxiliary technologies, and professional services. A notable addition to its comprehensive product range is the KXT-02M Glue Filling Machine—a precision-engineered solution designed for accurate, controlled glue filling of wound components, enhancing their structural stability, moisture resistance, and overall performance through consistent application processes.

Beyond manufacturing core winding machines and integrating specialized auxiliary equipment like the KXT-02M Glue Filling Machine, KIOXIA LIGHT RING provides highly cost-effective comprehensive manufacturing solutions. These solutions cover the entire production cycle of various wound components, including transformers, chokes, and more, delivering end-to-end support for efficient, high-quality processing across diverse manufacturing needs

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