KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

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NAME: KXL-615 Toroidal Transformer Winding Machine



SPECIFICATION:Main technical parameters table: (Unit: mm)

Equipment model	KXL-615
Winding mode	Slider type
Finally complete the outside diameter	35-90mm
Minimum finished inside diameter	22mm
Maximum completion height	30mm
Suitable winding diameter range	0.15-0.5mm

Perimeter of magazine	630mm
Width of magazine	3-6mm
Maximum speed	700 RPM
Operating voltage	220V/50HZ
Overall dimension	650*500*650mm
Weight	110KG

FEATURES：

1. It adopts the side-sliding winding method, which is suitable for winding products with thin wire diameter and many turns, such as the primary coil of the transformer, the coil of the small mutual inductor, etc. It has the advantages of high winding speed, and is not easy to scratch the paint or break the wire.
2. Suitable for winding wires of various types, such as enameled copper wire, enameled aluminum wire, steel wire, heating wire, etc., suitable for coil processing of products in various industries
3. The machine head uses synchronous belt drive, which has the characteristics of low running noise, long life and maintenance-free
4. The wire storage ring is driven by a soft rubber wheel, which is not easy to slip and does not wear the wire storage ring, making the equipment more durable

5. The maximum winding speed can be set according to the wire diameter

6. Automatically rotate the wire arrangement function when arranging the wire. When making transformer products with more turns, the lead position is reserved

7. The maximum speed of wire storage and winding can be adjusted separately. When winding small wire diameter products, the winding speed cannot be too fast, which significantly improves production efficiency

8. Multiple wire storage and multiple winding can be set. For products with more turns that cannot be stored enough at one time, the winding can be completed at one time

9. The wire arrangement density (speed) can be automatically changed when running different programs. When winding products with multiple taps but different turns and the same wire arrangement angle/requirements, it can be automatically completed

APPLICATION:

The KXL-615 Toroidal Transformer Winding Machine is exceptionally well-suited for a diverse range of toroidal components, making it an ideal choice for specialized winding applications. It is specifically engineered to handle the production needs of:

Toroidal inductors
Toroidal transformers
Toroidal current transformers
Toroidal coils

Toroid choke coils
Power inductors
UPS inductors
Converter inductors
Heavy toroidal cores

With its precision design and reliable performance, the KXL-615 Toroidal Transformer Winding Machine ensures efficient and accurate winding for both standard and heavy-duty toroidal parts, perfectly aligning with the varied requirements of toroidal component manufacturing.



Training for Customers on Winding Machine Operation:

1. All our service engineers have over 10 years of experience and receive specialized technical training, enabling them to resolve various equipment malfunctions efficiently.

2.We guide users in the correct operation and maintenance of the equipment, while also providing free consultations on electronic product production process technologies.

3.To ensure the normal operation of the machines, we offer comprehensive training on operation, usage, and maintenance through English manuals, instructional videos, and online guidance.



PACKAGING:

Packaging Material: Carton/Wooden case with foam inside.

1. General package(Paper carton or plastic bag): For small euipped parts for Toroidal TransformerWindingMachine , Package it with form and pack paper to guarantee unbroke n during the transport.

2.Wooden case package: For larger scale Toroidal 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 woo den case to prevent crack and shock.



FACTORY:

We—KIOXIA LIGHT RING EUIPMENT —have been experts in winding machine lines for 28 years, with a distinguished product range that includes the KXL-615 Toroidal Transformer Winding Machine—a specialized solution engineered for precise and efficient toroidal transformer winding. This equipment exemplifies our technical prowess in crafting machinery tailored for toroidal component production, combining reliability with advanced performance.

Our KIOXIA LIGHT RING brand is backed by authoritative certifications and recognitions: ISO9001:2015 certification, CE approvals, multiple machine patents, and the official title of "high-tech enterprise" by the government. These credentials not only validate the quality and innovation of products like the KXL-615 Toroidal Transformer Winding Machine but also reinforce our position as a trusted leader in the winding machine industry.



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