

**KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.**



**TEL/WhatsApp: +86 17622605414**

**Mail: [admin@transformercoilwindingmachine.com](mailto:admin@transformercoilwindingmachine.com)**

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**NAME: KX-V40 Mini Toroidal Transformer Winding machine**



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## Brief technical description:

Brand new PLC+touch screen control system, German manufacturing technology,  
The servo motor + paired with proximity switch counting ensures hundreds of percent accurate turns, and the maximum idle speed of the machine head can reach 1500rpm;  
the stepper motor ensures exquisite wiring;  
Multiple strands of wire can be wound in parallel  
fully automatic/manual setting of the forward and reverse direction of the product;  
fully automatic/manual control line distance;  
fully automatic/manual addition and subtraction of winding speed;

## SPECIFICATION:

|                               |            |
|-------------------------------|------------|
| Wire size                     | 0.08-0.6mm |
| Minimum finish inner diameter | 3mm        |
| Maximum completion height     | 20mm       |
| Maximum finish outer diameter | 5-35mm     |
| Max speed                     | 1500rpm    |
| Tape Magazine diameter        | 92mm       |

## APPLICATION :

The KX-V40 Mini Toroidal Transformer Winding Machine is a professional solution engineered specifically for winding toroidal transformers, toroidal potentiometers, and toroidal current transformers. This compact yet robust machine features exquisite wiring precision and powerful performance, enabling it to adapt seamlessly to various wire diameters—making it ideal for miniaturized toroidal components where space efficiency and winding accuracy are paramount. Its specialized design ensures consistent quality across

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small-scale toroidal winding applications, combining professional functionality with versatility in handling diverse wire specifications.

## **PRACTICAL APPLICATION :**

Training for Customers on KX-V40 Mini Toroidal Transformer Winding Machine Operation

1. All service engineers with 10 years of experience have received special technical training, including specialized expertise in the KX-V40 Mini Toroidal Transformer Winding Machine, enabling them to effectively address various breakdown issues specific to this miniaturized toroidal winding equipment.
2. We guide users to accurately operate and maintain the KX-V40 Mini Toroidal Transformer Winding Machine—with focused attention to its compact structure and precision components—while providing free consultation about the production process technology of electronic products, particularly those involving mini toroidal components.
3. To ensure the KX-V40 Mini Toroidal Transformer Winding Machine operates normally, we conduct dedicated training on its operation, usage, and maintenance through English manuals, model-specific instructional videos, and online guidance, tailored to the unique requirements of this mini toroidal winding equipment.

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## PACKAGING:

Packaging Material: Carton/Wooden case with foam inside.

1.General package(Paper carton or plastic bag): For small equipped parts for Hook Type Transformer Winding

Machine, Package it with form and pack paper to guarantee unbroken during the transport.

2.Wooden case package: For larger scale Hook Type Transformer 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:

We, KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD. have been experts in winding machine lines for 28 years, with our diverse product portfolio featuring specialized solutions like the KX-V50 Mini Toroidal Transformer Winding Machine—a compact, high-precision equipment engineered for efficient winding of miniaturized toroidal transformers, embodying our technical proficiency in mini toroidal winding technology.

Our KIOXIA LIGHT RING brand holds authoritative certifications and recognitions, including ISO9001:2015, CE approvals, multiple machine patents (encompassing key innovations in models like the KX-V50 Mini Toroidal Transformer Winding Machine), and the official designation of "high-tech enterprise" by the government. These credentials fully validate the reliability, precision, and technical excellence of our entire product range, reinforcing our commitment to delivering professional professional winding solutions for both standard and miniaturized toroidal components.

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