KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.
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NAME：KX-70VS Automatic Toroidal Inductor Winding Machine



KX' s modular system with interchangeable heads and roller tables from the HEAVY machine series. It is designed with superior components; PLC control, servomotor for head drive and precision stepper motor for core drive. The KX-HEAVY is different than existing HEAVY machines on the market: The user friendly PLC software guides the operator thru the programming with clear text commands. It is easy to operate the machine. Typical jobs for the KX-HEAVY are general and heavy duty applications.the machine is very strong and heavy and it has a powerful SERVO MOTOR with 1.5KW for the head drive, therefore ,it can handle thick wires at high speed.

MACHINE BODY FEATURES :

- **CONTROLLER**
- PLC CONTROL WITH SOFTWARE LANGUAGES: EN.CH./PLC,
- **DISPLAY**
- LCD-DISPLAY WITH BACKGROUND ILLUMINATION:CONTINUOUS READ OUT OF OPERATION DETAILS/
- **PRESETS**
- 25 PROGRAMS, /25
- EACH PROGRAM CONTAINS OF30SEQUENCES/
- **PROGRAMMING**
- USER FRIENDLY TEXT COMMANDS/
- **DATA MEMORY AND OUTPUT**
  INTERFACES FOR PC INTERFACE
  INTERFACE FOR SOFTWARE UPDATES /PC
- **WINDING SPEED**
- UP TO 1500 RPM/
- SEPARATELY PROGRAMMABLE LOAD SPEED
- SEPARATELY PROGRAMMABLE WIND SPEED/
- **CORE DRIVE**
- STEPPER MOTO.
- **WIRE PITCH CONTROL** FULLY AUTOMATIC PITCH CHANGE,
- PROGRAMMABLE IN STEPS OF 0,001mm
- **CORE INDEX & REVERSE CONTROL**

  FULLY AUTOMATIC/
- **ACCELERATION & DECELLERATION**
  FULLY AUTOMATIC/
- **STOPS FOR TAPS**
- AUTOMATIC/
- **SECTOR & BANK WINDING CONTROL**
-

  FULLY AUTOMATIC/
- **WINDING HEAD DRIVE**
- SERVO MOTOR 1.0 KW/
- **TAPING OPERATION**
- FULLY AUTOMATIC/
- **VOLTAGES**

- 230 (110 AND 240) VOLT, 50 HZ AC
- **MACHINE SIZE AND WEIGHT**

1100×700 MM 150 KG NET,200KG GROSS

PRODUCTION	**MM**	**INCH/AWG**
Single wire size	0.05-2.36	44 -11
Bifilar wire size	2×1.8	2×131/2
Finished core O.D.	10.0-500	0.5 –19
Finished core I.D.	From 5	From 0.2
Finished core height	Up to 150	Up to 5.9
Tape size	4-30	0.0.05-1.18

MACHINE-HEAD TECHNICAL PARAMETERS

WIER RANGE: 0.5-1.6
MAGAZINE DIAMETER：175mm
MAX.WINDING SPEED RPM：800 rpm
FINISHED CORE OD：70mm
FINISHED CORE ID：8mm
FINISHED CORE HEIGHT：35mm



PRACTICAL APPLICATION :

Training for Customers to Operate KX-70VS Automatic Toroidal Inductor Winding Machine

1.All service engineers with 10 years of experience have received special technical training, including specialized expertise in the KX-70VS Automatic Toroidal Inductor Winding Machine, enabling them to effectively handle various breakdown issues specific to this automatic toroidal inductor winding equipment.

2.We guide users to accurately operate and maintain the KX-70VS Automatic Toroidal Inductor Winding Machine—with focused attention to its automated toroidal core clamping, precision wire winding controls, and inductor-specific parameter adjustments—while providing free consultation about the production process technology of electronic products, particularly those involving toroidal inductor manufacturing.

3.To ensure the KX-70VS Automatic Toroidal Inductor Winding Machine operates normally, we conduct dedicated training on its toroidal inductor setup, winding program configuration, operation, and maintenance through English manuals, model-specific instructional videos, and online guidance, tailored to the unique requirements of this specialized automatic toroidal inductor winding equipment.

PACKAGING:

Packaging Material: Carton/Wooden case with foam inside.
1.General package(Paper carton or plastic bag): For small euipped parts for Digital CNC Wire Coil Winding Machine, Package it with form and pack paper to guarantee unbroken during the transpot.

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 ar row ↑marked on the outer wooden case. Buffer material would be put in the wooden case to prev ent 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 advanced product portfolio featuring advanced equipment like the KX-70VS Automatic Toroidal Inductor Winding Machine—a cutting-edge system engineered for automated, precision winding of toroidal inductors, embodying our technical prowess in specialized inductor manufacturing solutions.

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-70VS Automatic Toroidal Inductor Winding Machine), and the official designation of "high-tech enterprise" by the government. These credentials fully validate the reliability, efficiency, and technical excellence of our entire product range, reinforcing our commitment to delivering state-of-the-art winding solutions for diverse toroidal inductor production needs.



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