KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

TEL/WhatsApp: +86 17622605414

Mail: admin@transformercoilwindingmachine.com

Web:www.transformercoilwindingmachine.com

NAME：KXPY-09 Semi-automatic 8 Spindles Winding Machine



The images are for reference only, and the final product may vary according to customer needs.

● Product features

◆ Using 32-bit ARM control chip, Xilinx CPLD, faster operation speed, effectively reduce the wiring error.

◆ All input and output photoelectric isolation, stable work.

◆ All Chinese LCD display, easy to operate.

◆ Intelligent input winding point and line width.

◆ Line commutation intelligent deceleration, to ensure that the fast line at the same time have greater torque.

◆ Spindle climb time can be set, real-time change of spindle speed, overspeed tracking.

◆ Power failure save winding data, effectively avoid the coil scrap caused by sudden power failure.

◆ Adopt bearing belt imported from Japan, frequency converter and screw imported from Taiwan, cast iron box to ensure stable performance.

◆ Time sharing around the spool to improve production efficiency.

◆ The left and right spool can be wound around different products, and the double coil product is completed on one machine.

● Range of adaptation

◆ Small transformer

◆ Relay

KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

Add: Building G, No.209 Zhonghuan East Road, Free Trade Zone (Airport Economic Zone), Tianjin

- ◆ High pressure pack
- ◆ Inductance
- ◆ Solenoid valve
- ◆ Synchronous motor
- ◆ Cover pole motor

● Technical parameters

Number of spindles	8 spindles
Spindle speed	left: 0-4000rpm, customizable
	Right: 0-4000rpm, customizable
Wire diameter	0.03-0.48mm(with different tension systems)
Shaft spacing	89mm
Wiring stroke	0-60mm
Wiring speed	0-25mm/ SEC
Spindle motor	550W three-phase AC motor (left and right 1)+750W inverter
Linear motor	Two-phase hybrid stepper motor (left and right 1), static torque 2N.M
machine power	Single-phase power supply 220V±10% 50HZ
machine power	1200W
Dimension	Length:1060mm width:700mm thickness:1570mm
weight	155Kg

● Description of main components

Inverter	KVF600-2S
Spindle motor	Zhaoqing motor
Wire motor	2N.M static torque, long time work without heat
controller	Independently developed controller, ARM control chip, all Chinese LCD display
Screw	Taiwan TBI, Class C accuracy
Synchro belt	Hanto, Japan
V-belt	Hanto, Japan
Bearing	Japan NSK
Tensioner	mechanical, independently developed
Spindle row box Cast	independent research and development

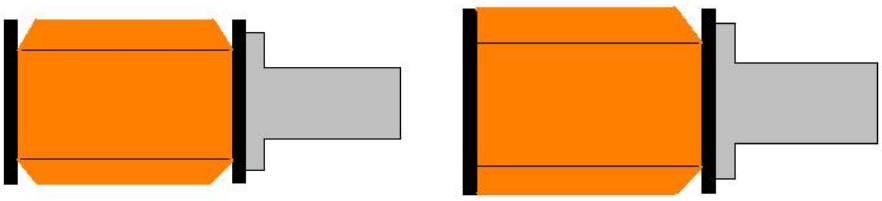
iron box	
Other mechanical com ponents	independently developed

● Software function

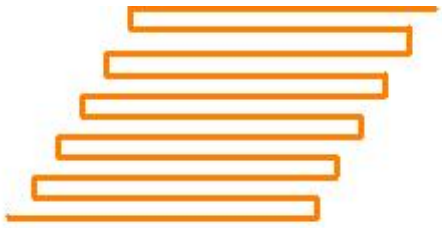
◆ Skeleton basic parameter input. Winding point, wire width, wire spacing, winding number, start slow, stop slow, spindle positioning, spindle low speed,

◆spindle high speed, spindle direction, wire direction, layer stop.

Spindle climb time setting, special winding function selection (as shown below)



Indent at both ends　　Single-ended indent



Antenna winding

◆ The system has 1450 segments of data storage space, and can store up to 999 kinds of skeleton parameters. The debugging skeleton parameters can be permanently saved, and when replacing the product, you only need to replace the corresponding fixture and select the corresponding skeleton parameters.

◆ When winding suddenly power off, the system saves the final winding state, after powering on again, press the start button to continue winding the unfinished coil.

◆ Special functions can be customized software.

Package

◆ Packing: wooden case

- Package size: Length: 1170mm width: 850mm height: 1290mm
- Packing weight: 230Kg

FACTORY:

We—KIOXIA LIGHT RING EUIPMENT GROUP CO.,LTD.—have been experts in winding machine lines for 28 years, with a product range that includes the KXPY-09 Semi-automatic 8 Spindles Winding Machine—a versatile solution featuring 8 spindles and semi-automatic operation, designed to balance precision and operational flexibility for diverse winding tasks.

Our KIOXIA LIGHT RING holds prestigious certifications and recognitions, including ISO9001:2015, CE approvals, multiple machine patents, and the title of "high-tech enterprise" by the government. These credentials underscore the reliability and advanced technology of products like the KXPY-09 Semi-automatic 8 Spindles Winding Machine, reinforcing our leadership in the winding machine industry.



KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

TEL/WhatsApp: +86 17622605414

Mail: admin@transformercoilwindingmachine.com

Web:www.transformercoilwindingmachine.com



KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

Add: Building G, No.209 Zhonghuan East Road, Free Trade Zone (Airport Economic Zone), Tianjin