KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

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KX-7004 Intelligent Fully Automatic Toroidal Thin Wire Coil Winding Machine



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

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1.Specification：

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1	Name	Intelligent Fully Automatic Toroidal Thin Wire Coil Winding Machine
2	Model	KX-7004
3	power supply	220V/110V 50/60HZ
4	Air pressure	0.6Kpa-0.8Kpa
5	Maximum wire diameter	0.35mm
6	Minimum wire diameter	0.05mm
7	Maximum finished outer diameter	30-50mm
8	Minimum finished inner diameter	10mm
9	Maximum finished product height	28mm
10	Line spacing control	Programming control
11	Sectional winding control	Programming control
12	Cumulative winding control	Programming control
13	Cable motor	Hybrid stepping motor
14	Main motor	servo motor
15	Winding speed	Adjustable,the fastest equipment is1400rpm
16	physical dimension	900mm*900mm*1500mm
17	Weight	75KG

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2. The differences between KX-7004 and KX-7005：

1.The storage ring of 7005 offers a wider selection range, which means a larger wire winding range.

2. Meanwhile, although the winding range of 7004 is smaller than that of 7005, 7004 is suitable for winding fine wires. It operates more stably than 7005 and has a higher efficiency in winding fine wires.

3.Intelligent Fully Automatic Toroidal Coil Winding Machine – Key Features

1.Advanced Control System

A.Equipped with PLC and HMI (Human-Machine Interface) for intuitive operation.

B.User-friendly design, ensuring easy installation, debugging, and maintenance.

C.Low skill requirement – Operators can master basic functions quickly.

D.Wide compatibility – Suitable for producing various toroidal coil types with high efficiency.

2.Modular & High-Performance Design

A.Interchangeable magazine and guide wheel – Adaptable to different product specifications.

B.Servo motor-driven system – Ensures smooth, precise, and stable motion control.

C.Durable components – High-quality transmission parts and branded standard parts for long lifespan and reliable performance.

D.Compact & space-saving structure – Road-mounted design for easy integration.

3.Customizable Winding Solutions

Supports multiple winding methods (e.g., counter winding, secondary wire storage) based on product needs.

4.Smart Fault Detection & Safety

Automatic stop & alarm system – Halts operation upon malfunction and displays error prompts on-screen.

5.Tailored Configurations

Custom magazine and guide wheel setups available per customer requirements.

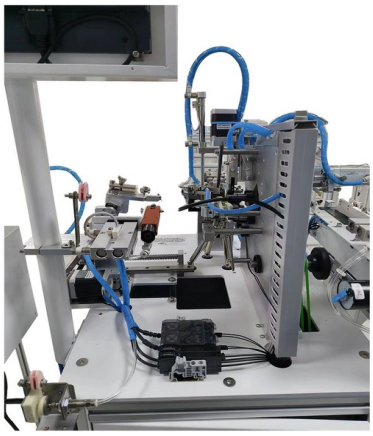
6.Versatile & Intelligent Operation

A.PLC stores multiple winding modes – A single machine accommodates diverse product specifications.

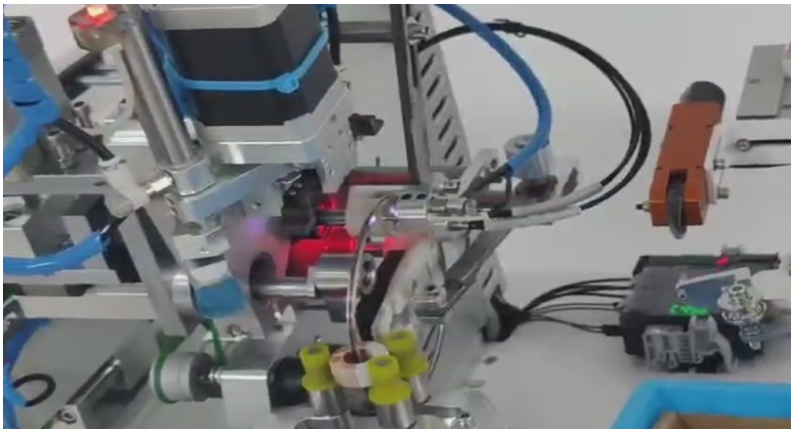
B.Double-pulse recognition for accurate wire storage and winding.

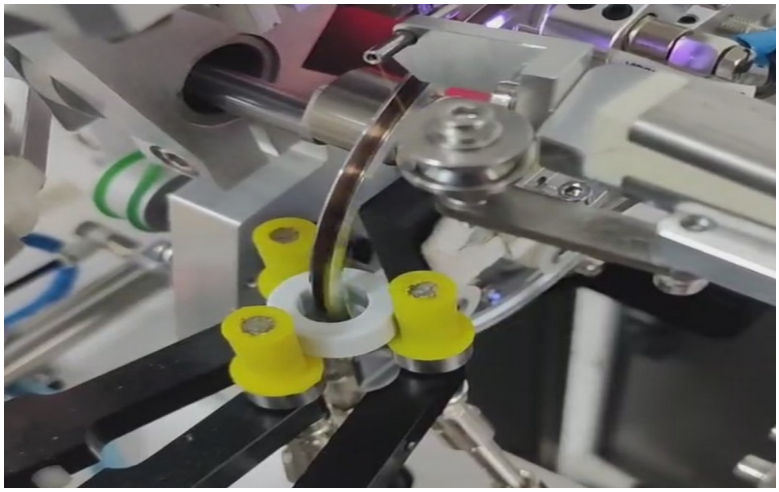
C.Built-in detection function for enhanced precision.

4.Detailed display









5.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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6.Market Area

We work closely with Southeast Asia, European, America, South America, Australia, New Zealand partners to provide local sales, support and service assistance for coil winding machines.

7.FACTORY:

KIOXIA LIGHT RING EUIPMENT GROUP CO.,LTD.

Founded in 1993, KIOXIA LIGHT RING EUIPMENT GROUP CO.,LTD. has been a well-known manufacturing excellent performance winding machines together with associated production and technology. Grewin provide highly cost effective manufacturing solutions for the production of the wound components of all types such as transformers,chokes etc.

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