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Winding Machine For Cylindrical Cell



The Battery Winding Machine is a semi-automatic winding machine used for lithium cylinder battery precision winding for production line.

- Item No.:TOB-YH-SW-C
- Order(Moq):1
- Payment:L/C,T/T,Western Union
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:7

Product Detail

Precision Automatic Winder for Electrode Assembly of Cylindrical Battery 18650

SPECIFICATIONS

1 The Battery Winding Machine is a semi-automatic winding machine used for lithium cylinder battery precision winding for production line.

2 The battery winding machine can suitable for different model of battery by changing winding blade, The change work is simple operation.

Advantages :

1 Adopt single needle structure, movement type to achieve drop needle and needle at same time, Feeding electrode more easily, reduce electrode out.

2 Artificial feeding electrode, automatic winding, automatic needle change, automatic termination of adhesive tape and automatic blanking.

3 Adopt Embedded controller to realize the battery winding tension control, Using MATLAB to analyzer battery separator diameter and roller core change, to generate the best fitting curve control winding process.

4 With electrode dust removal system

Materials	Length (mm)	Width (mm)	Thickness (um)	Max outside diameter (mm)	Inner diameter (mm)
Cathode electrode	200-1300	28-58	100-200	-----	-----
Anode electrode	200-1300	28-58	100-200	-----	-----
Separator	In roll	30-60	16-45	250	76.2
Termination tape	In roll	8-15	10-35	150	76.2

Model		TOB-YH-SW-C
Technology parameter	Winding needle width	φ 3.5mm, can be customized
	Separator width	30-60mm
	Electrode width	28-58mm
	Electrode length	200-1300mm
	Termination tape width	8-15mm
	Capacity	10-15ppm, according to electrode length and man operating
Voltage supply	AC220V, 1.5KVA, 50HZ	
Compressed air	0.4-0.6 MPa	
Weight	About 800kg	
Dimension (L*W*H)	1660*1300*1570mm	

Product Display

