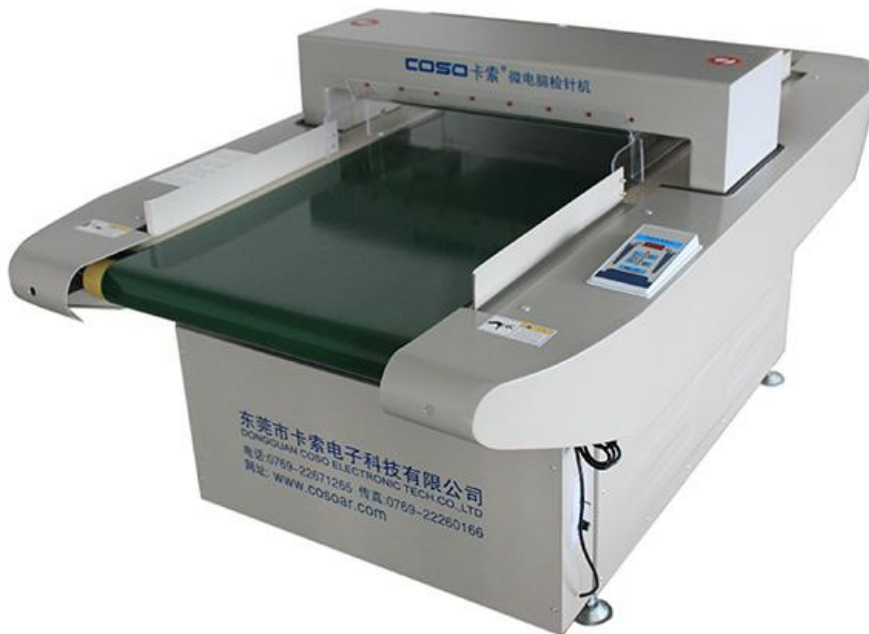


Needle Detector

Needle detector is applied widely in toys, clothing, textiles, footwear, non-woven fabrics ,food ,polyester wadding ,cloth and other industries to detect broken needle, wire and other iron.

1. SMC600B Anti interference needle detector



Product features

- 1.With the latest chip, it has high performance, reliability, sensitivity and anti-interference ability;
- 2.Digital signal processing (DSP) is used for data acquisition and motor control, it's highly intelligent.
- 3.It's simple and easy to use, the data can be processed and stored automatically, the boot can keep the shutdown settings each time.
- 4.Self developed high-frequency switching power supply, Strong adaptability.
- 5.It adopts integrated design and optimized product design. reducing the number of components, using computer to replace complex electronic components so that failure rate decreased exponentially;
- 6.The timing sequence of the motor is precisely controlled by the computer to extend the service life of the motor.
- 7.It can count the number of qualified, defective and total number exactly.
- 8.It can automatic shutdown after ten minutes without operation.

Specification parameters

Model	SMC6010B	SMC6012B	SMC6015B	SMC6020B	SMC6025B	SMC6030B
Tunnel height	100mm	120mm	150mm	200mm	250mm	300mm
Tunnel width	600mm	600mm	600mm	600mm	600mm	600mm
Sensitivity	Feφ0.8mm	Feφ1.0mm	Feφ1.2mm	Feφ1.5mm	Feφ2.0mm	Feφ2.5mm

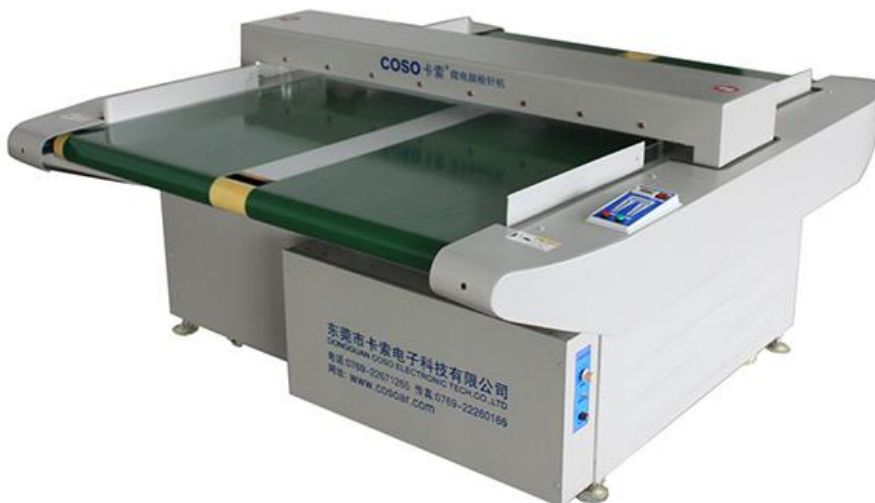
* Detection tunnel sizes can be customized according to customer demands.

Power supply: AC220V 50/60Hz

Power: 60W

Alarm mode: Audibly and visually alarm and automatically stop and rewind

2 WMC2000M Wide conveyor needle detector



Application

It is mainly used for the detection of large or broad articles, such as bedding, etc., and can be used for detecting broken wires, iron wires, which are contained in the product.

Product features

1. Fully automatic continuous conveyor, movement and conveyor belt are imported products, it has high sensitivity;
2. Photoelectricity control magnetic field work
3. When detecting the iron (such as broken needle) items, the machine will automatically alarm and stop, conveyor belt will automatically return;
4. Adjustable sensitivity;
5. It has the functions of automatic counting and automatic detection of the position of iron articles;
6. Full automatically computer control;
7. Wide is 1200-2000mm, and it can be customized according to customer requirements

Specification parameters: Can be customized

Tunnel height: 100mm~200mm

Tunnel width: 1200mm~2000mm

Sensitivity: $Fe\phi\geq 0.8mm$

Power supply: 220V 50Hz

Alarm mode: Sound and light alarm, and automatically stop

3. NWMC2000 Non power Needle Detector**Application**

It is used to detect magnetic metal foreign body in bedding, sheet metal processing, non-woven fabrics, collodion, detection and other large or wide needle cotton goods.

Product features

1. With imported integrated circuit, it has stable performance, strong anti-interference ability, anti vibration and can be used with the assembly line and not affected by other pipeline equipment;
2. Sensitivity can be adjusted freely;
3. Sound and alarm lamp automatically alarm, or output signal to the central control of the assembly line;
4. It can be customized for different widths according to the factory production line requirements.

Specification parameters:

Tunnel height: 100mm~300mm (Can be customized according to requirements)

Tunnel width: 600~2000mm (Can be customized according to requirements)

Sensitivity: Fe.0.8 mm above

Power supply: 220V 50Hz

Power: 100W

Alarm mode: Sound and alarm lights.

Alarm output signal: Relay contact signal AC220V, 1mA

4. NFMC2000 wide flat plate needle detector



Application

It is used to detect magnetic metal in non-woven fabrics, fast collodion, needle cotton, leather, cloth and other thin and wide items.

Product features

1. With imported integrated circuit, it has stable performance, strong anti-interference ability, anti vibration and can be used with the assembly line and not affected by other pipeline equipment. It can be used in the conveyor speed of 5-100 M / min of the machine or conveyor line
2. Sensitivity can be adjusted freely;
3. Sound and alarm lamp automatically alarm, or output signal to the central control of the assembly line;
4. It can be customized for different widths according to the factory production line requirements.

Specification parameters

Detection height: 1-20mm

Detection width: 1000-4000mm (Can be customized according to requirements)

Sensitivity; Fe.0.8 mm above

Power supply: 220V 50H

Alarm mode: Sound and alarm lights.

Alarm output signal: Relay contact signal AC220V, 1mA

5. JZQ86 hand held needle detector



Application

It is used to detect the specific position of broken needle in clothing and toy

Product features:

- 1.The needle detector can work continuously for a long time without heating, and does not produce overload phenomenon
2. It has the advantages of simple operation and low power consumption

Specification parameters:

Size (Length * width * high)135mm*65mm*35mm

Sensitivity: Detection distance: 10mm, 1.2mm ball; Detection distance 50mm, 0.7*20mm broken needle

Battery: Rechargeable battery