鼎立 DINGLI

SHANGHAI DINGLI NEEDLE DETECTOR INSTRUMENT CO., LTD.

Needle Detectors · Metal Detectors · Weight Graders

MODEL

DN-8500-2

Automatic Conveyor Needle Detector

FOR APPAREL, TEXTILES, TOYS AND NONWOVEN PRODUCTS



APPLICATIONS

Apparel · Babywear · Garment accessories · Handbags · Socks
Fabric · Nonwoven · Carpets · Gloves · Toys · Craftwork

SPECIFICATIONS

5010 / 5015 / 5020: 500 mm width, heights 100 / 150 / 200 mm. 6010: 600 mm width, 100 mm height. Parameters spanning all four columns apply to all.

Parameter	5010	5015	5020	6010
Product	Automatic conveyor needle detector			
Model	DN-8500-2			
Power supply	AC 220V, 50–60 Hz			
Motor power	60 W	60 W	90 W	90 W
Construction	Carbon steel · ABS			
Detection width	500 mm	500 mm	500 mm	600 mm
Detection height	100 mm	150 mm	200 mm	100 mm
Sensitivity Iron (Fe) · empty belt	≥ ϕ0.8 mm	≥ ϕ1.0 mm	≥ ϕ1.2 mm	≥ ϕ0.8 mm
Belt height above floor	680 mm			
Belt width	460 mm	460 mm	460 mm	560 mm
Max. load	15 kg	15 kg	25 kg	30 kg
Belt direction	Left to right			
Max. belt speed	Fixed at 26 m/min			
Belt material	Needle-detector-grade PVC			
Operation	Push-button control			
Alarm	Buzzer sounds and belt stops on detection			
Ingress protection	IP54			
Overall length	1800 mm			
Overall width	950 mm	950 mm	950 mm	1050 mm
Overall height	900 mm	920 mm	950 mm	1000 mm

COMPANY PROFILE

DINGLI was founded in 1998 and is one of the drafters of China's light-industry standard for needle detectors. We build needle detectors, metal detectors and weight-grading machines for the food, pharmaceutical, medical device, chemical, apparel and toy industries.

NOTES

1. Sensitivity figures are for reference only; verify by testing.
2. Custom specifications are available on request.
3. Production lead time: 5 working days.
4. Sensitivity depends on the product being inspected (moisture, salt content and temperature) and on-site conditions such as vibration and electromagnetic interference.

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