3nh Global

Easily measure automotive, magnetic metal coating thickness

COATING THICKNESS GAUGE

【Entry-level all-in-one iron-based coating thickness gauge】

The integrated iron-based coating thickness gauge is a domestic coating thickness gauge manufactured by our company with completely independent intellectual property rights. Magnetic coating thickness.

YT5100 and YT5110 are easy to measure and use, and are widely used in surface engineering inspection fields such as manufacturing, metal processing, and chemical industries. They are the basic equipment in the coating surface treatment industry.

Fe-based probes can detect the thickness of various non-magnetic coatings sprayed on various magnetic substrates (such as steel), such as paint layer, powder coating layer, porcelain coating layer, chrome plating layer, copper plating layer, galvanized layer of iron plate Wait.

4 MAJOR ADVANTAGES

1. Support zero calibration
2. IPS pure color screen
3. Accurately measure surface planes
4. Highly sensitive probe

Product photo

Real shooting shows all angles

1




Product details

Details determine quality

2


Smart wake up


Type C interface


Size arc positioning


IP65 protection class

APPLICATION

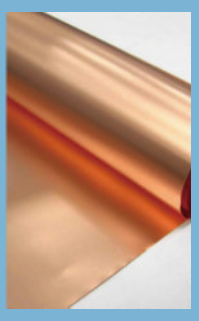
Fe-based probes can detect the thickness of various non-magnetic coatings sprayed on various magnetic substrates (such as steel), such as paint layer, powder coating layer, porcelain coating layer, chrome plating layer, copper plating layer, galvanized layer of iron plate Wait.

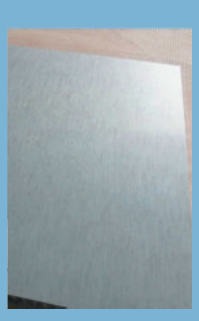

Paint layer

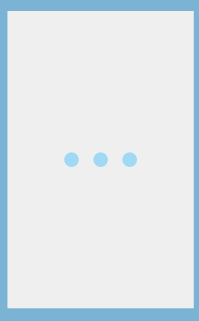

Powder layer


Coated ceramic


Chrome plating


Copper plating

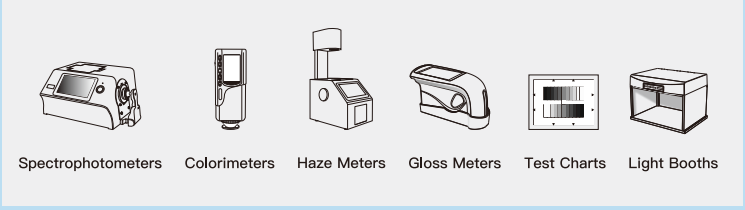

Zinc coating


Other

Product parameters

Model	YT5100	YT5110
Product name	Economical integrated iron-based coating thickness gauge	
Standard	ASTM B499,ASTM D1400, ASTM D709;ISO 2178,ISO 2360, ISO 2808;GB/T 4956,JB/T 8393	
Matrix	Fe	
Probe type	Integrated	
Positioning structure	Single localizer	Multiple localizer
Resolution	1μm	
Measurement range	0~1250μm	
Measurement accuracy	Zero calibration:±(3%H+1)μm ; note: H is the sample thickness	
Display screen	IPS Full color screen, 1.14inch	
Interface	Type C USB; Button	
Stored data	One thousand	
Battery capacity	Lithium-ion battery, fully charged, one-time continuous test 10000	
Measurement mode	Basic Model, quality control model, continuous model, statistical model	
Minimum measurement size	10×10mm	
Minimum measurement thickness	Magnetic:0.2mm	
Minimum curvature	Convex radius 5mm; Concave radius 10mm	
Unit	μm/mil	
Size	107×50×20mm	
Weight	65g	
Working temperature	0~40ºC(10~90%RH without condensation)	
Storage temperature	-10~50ºC	
Software support	/	
Standard accessories	1 base (iron base), wrist strap, Wipe cloth, USB cable	
Optional accessories	Printer, 5V-2APower adapter	

GUANGDONG THREENH TECHNOLOGY CO., LTD.



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