COATING THICKNESS GAUGE

YT6300

Features

√ IPS color screen, the test results are more intuitive

√Quick response, 0.3S results

√ Backlight display, can be seen at night

√Large storage space

√Rugged housing with IP65 protection grade

ISO 9001 Certified

YT6300

Application

YT6300 coating thickness gauge is a domestic coating thickness gauge with independent intellectual property rights, which can quickly and accurately measure the thickness of various coatings on metal substrates.

The instrument fully complies with the testing principles of magnetic method and eddy current method stipulated by ISO 2178, ISO2360, GB/T 4956, GB/T 4957, ASTM B499 and other standards.

The instrument has accurate measurement, large test range, multiple calibration modes, multiple measurement modes, convenient positioning and powerful functions. It is widely used in surface engineering inspection fields such as manufacturing, metal processing, and chemical industries. Basic equipment.

The YT6300 coating thickness gauge is not only suitable for vehicle inspection, but also suitable for industrial applications due to its sturdy and durable IP65 protection level. The delivered USB data cable can be used to transfer instrument measurement data to a computer for storage and management. In addition, the YT6300 coating thickness gauge adopts an ergonomic design, which is comfortable to use, simple to use, and easy to operate.

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, ceramic coating layer, chrome plating layer, copper plating layer, galvanized layer of iron plate Wait.

NFe-based probes detect the thickness of all insulating coatings sprayed on non-magnetic metal substrates (such as aluminum, copper, brass, stainless steel, etc.), such as paint layers, powder coatings, ceramic coatings, etc.

- For manufacturers and end users of all coated product types.
- Car manufacturing and used car inspection.
- Plating and Paint Shop.
- Chemical industry.
- Shipbuilding, aviation, plant and mechanical engineering.

PRODUCT FEATURES

1. Large range 3,000μm
Maximum measurement thickness 3,000 μm

2. Multiple ways to locate
Standard multi-positioning plate, in large arc positioning, small arc positioning, plane positioning has more advantages,more accurate measurement.

3. Support Zero Point, single point, five points
Support a variety of calibration methods, testing more convenient, to meet the needs of higher test accuracy

4. IPS pure color screen, smooth operation, large storage capacity

5.Measurement mode rich
Coating thickness tester YT6300 has basic mode, quality control mode, continuous mode, statistical mode for choice, to adapt to more test scenarios

6.Non-destructive testing, automatic identification of substrate type
coating thickness Tester YT6300 can automatically identify magnetic, non-magnetic substrate, non-destructive testing does not harm samples, enhance the detection speed

7.The radius of convex plane and concave plane
Precisely measured at 5mm and 10mm respectively

8.High sensitive probe
Independently developed high sensitive probe response speed, testing more accurate

9.Support Bluetooth, more mobile APP extensions
Can be instant through Bluetooth measurement data transfer to the hands of the APP, the corresponding data editing and processing, output test report

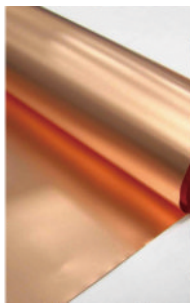
APPLICATION INDUSTRY


Paint layer


Powder layer


Ceramic layer


Chrome plating


Copper plating


Zinc coating

Other

TECHNICAL SPECIFICATIONS

Model: YT6300
Product Name: Standard Edition YT6300 for integrated dual-purpose coating thickness gauge
Standard: astm b499,astm d1400,astm d709; Iso 2178,iso 2360,iso 2808; Gb/t 4956,jb/t 8393
Matrix: Fe/NFe
Probe type: Integrated
Positioning structure: Multiple localizer
Resolution: 0.1μm
Measurement range: 0~3000μm
Measurement accuracy: zero calibration:±(3%H+1)μm ; Two point calibration:±(1~3%H+1.5)μm ; note: H is the sample thickness
Display screen: IPS Full color screen, 1.14inch
Interface: Type C USB;Bluetooth;Button

Stored data: 2,000, massive storage via mobile APP
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: Magnetism:10×10mm; Non-magnetic:10×10mm
Minimum measurement thickness: Magnetism:0.2mm; Non-magnetic:0.05mm
Minimum curvature: Convex radius 5mm; concave radius 10mm
Unit: μm/mil
Size: 107×50×20mm
Weight: 65g
Software Support: WeChat applet,HarmonyOS,Windows,Android,IOS
Standard accessories: 2 base (Aluminium Matrix and Iron Matrix), wrist strap,, Wipe cloth, USB cable, positioning film, calibration film
Optional accessories: Printer, 5V-2A Power adapter

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