3nh Global

Professional Edition

SPLIT DUAL USE

COATINGTHICKNESS GAUGE

Quick measurement

Backlit display

Large storage

YT8500 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 test principles of magnetic method and eddy current method stipulated by IS02178, ISO2360, GB/T 4956, GB/T 4957, ASTM B499 and other standards.

ISO 9001 Certified

Features

YT8500 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 YT8500 coating thickness gauge is not only suitable for vehicle inspection, but also suitable for industrial applications due to its rugged IP65 protection rating. The measurement data of the instrument can be transferred to the computer for storage and management by using the supplied USB data cable. In addition, the YT8500 coating thickness gauge adopts 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 probe detects the thickness of all insulating coatings sprayed on non-magnetic metal substrates (such as aluminum, copper, brass, stainless steel, etc.), such as paint layer, powder coating, ceramic coating, etc.

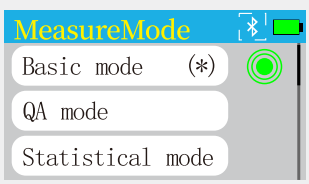
1. Simple operation and fast test speed

2.Maximum range thickness 5000μm

3. Support zero-point,single-point,five-point calibration
Supports a variety of calibration methods, making the test more convenient and meeting the requirements of higher test accuracy

4. IPS pure color screen, red and green LED indicators, buzzer sound, large storage capacity

5. Rich measurement modes
Coating thickness gauge YT8500 has a basic mold
mode, quality control mode, continuous mode, statistical mode to choose from, adapt to more test scenarios



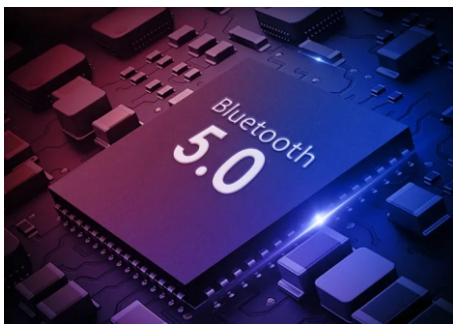
6. Non-destructive testing, automatic identification of substrate type The coating thickness gauge YT8500 can automatically identify magnetic and non-magnetic substrates, non-destructive testing does not damage the sample, and improves the detection speed

7. Accurately measure the surface plane Convex radius 5mm; concave radius 10mm

8. Highly sensitive probe
Self-developed high-sensitivity probe has fast response speed and more accurate test

9. Manual/automatic shutdown function
Automatic shutdown to save power when inactive for a long time

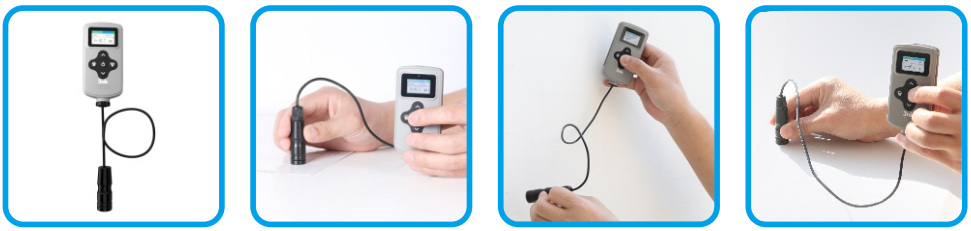
10. Support bluetooth, more extended functions of mobile APP can instantly transfer measurement data to hand APP through bluetooth, perform corresponding data editing and processing, and output test report.



11.IP65 level protection, durable, anti-drop, anti-shock

PRODUCT DISPLAY

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.



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

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

Paint layer | Powder layer | Ceramic layer | Chrome plating | Copper plating | Zinc coating | Other

TECHNICAL SPECIFICATIONS

Model: YT8500

Product Name: Standard Edition YT8500 integrated dual-use 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

Resolution: 0.1μm

Measurement range: 0~5000μm

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: 3,500, 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

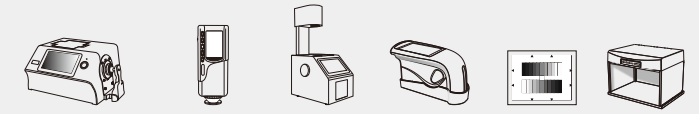
Weight: 65g

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

GUANGDONG THREENH TECHNOLOGY CO., LTD.



Spectrophotometers | Colorimeters | Haze Meters | Gloss Meters | Test Charts | Light Booths

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