



3nh Global

Economical Split Aluminum Base Coating Thickness Gauge



IPS full color screen



0.3s response



Temperature compensation



Long battery life

YT8280

YT8280 coating thickness gauge is a domestic coating thickness gauge with independent intellectual property rights, which can quickly and accurately measure the thickness of various insulating layers coated on non-ferromagnetic metal substrates according to the eddy current method.

PRODUCT FEATURES

- 1.Support Zero Point, single point, five points
Support a variety of calibration methods, testing more convenient, to meet the needs of higher test accuracy
- 2.IPS pure color screen, smooth operation, large storage capacity
- 3.Measurement mode rich
Coating thickness tester YT8200 has basic mode, quality control mode, continuous mode, statistical mode for choice, to adapt to more test scenarios

- 4、The radius of convex plane and concave plane
Precisely measured at 5mm and 10mm respectively
- 5、High sensitive probe
Independently developed high sensitive probe response speed, testing more accurate
- 6.Support Bluetooth, mobile APP, We chat applet more extended functions
It can transmit measurement data to mobile phone through Bluetooth, edit and process corresponding data, and output test report.

APPLICATION INDUSTRY

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: YT8280

Product Name: Economical split type aluminium-base coating thickness gauge YT8280

Standard: astm b499,astm d1400,astm d709;
iso 2178,iso 2360,iso 2808;
Gb/t 4956,jb/t 8393

Matrix: NFe

Probe type: Split type

Resolution: 1μm

Measurement range: 0~2000μm

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;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: Non-magnetic:0.05mm

Minimum curvature: Convex radius 5mm; concave radius 10mm

Unit: μm/mil

Size: 107×50×20mm (Probe head∅18x69)

Weight: 80g

Software Support: WeChat applet,HarmonyOS,Windows,Android,IOS

Standard accessories: 1 base (Aluminium Matrix), wrist strap,Wipe cloth,
USB cable, Positioning film,calibration film

Optional accessories: Printer, 5V-2A Power adapter

GUANGDONG THREEENH TECHNOLOGY CO., LTD.



Spectrophotometers



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Test Charts



Light Booths

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