秦度电子
QINDU ELECTRONIC

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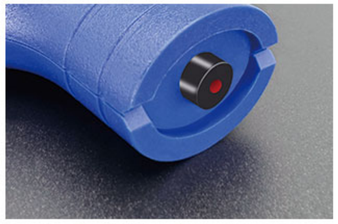
P–200 Coating Thickness Guages

The instrument utilizes imported sensors and microcontroller technology, integrating magnetic induction technology, eddy current technology, and precision compensation algorithms. It features a dual-function built-in probe that automatically identifies ferrous or non-ferrous substrate materials. The gauge is characterized by its small measurement error, high reliability, good stability, and ease of operation, making it an essential tool for controlling and ensuring product quality. It is widely used in inspection fields such as automotive testing, manufacturing, metal processing, chemical industry, and commercial inspection. The gauge can non-destructively measure the thickness of non-magnetic coatings (such as aluminum, chrome, copper, enamel, rubber, paint, etc.) on magnetic metal substrates (such as steel, iron, alloys, and hard magnetic steel) as well as the thickness of non-conductive coatings (such as enamel, rubber, paint, plastic, etc.) on non-magnetic conductive substrates (such as copper, aluminum, zinc, tin, etc.).

- Iron-Aluminum-Zinc Three-in-One
- Iron Powder Putty Testing
- Iron Galvanizing Testing
- Intelligent Alarm
- Wide Measurement Range: 3500 μm

Product Features



Ruby Probe

Made from ultra-hard ruby material, highly wear-resistant, and offers a longer service life.

Abnormal Alarm

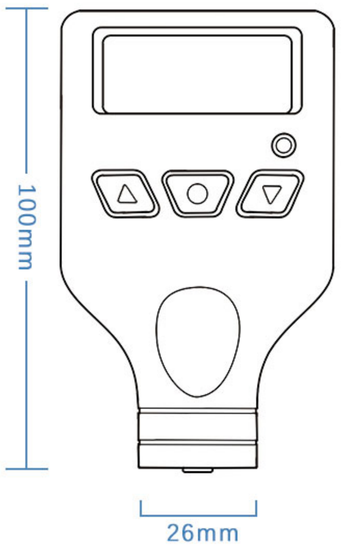
Red lights indicate upper and lower limits. Yellow light indicates material abnormalities.

Screen Inversion Display

Automatically inverts 180°, making it convenient to view data.

Basic Parameters

Dimension:100*60*25 mm	Weight: 74g(with battery)
Power: 2 AAA batteries	Operating Temperature: -20℃~50℃
Storage Temperature:-20℃~60℃	Material: ABS
Measuring principles: Fe: magnetic induction;	
NFE: eddy current effect; Probe Tip: ruby	



Technical Index

Measuring Range: 0 to 3500 μm	Min Measuring Dimension: 15 x 15 mm
Measuring Accuracy: ±(1+2%*H)μm	Units: μm/mil
Resolution: 0.1 μm (1-100 μm); 1 μm (100-3500 μm)	Measuring Time: 0.4 seconds
Min Curvature: Convexity 5mm/0.2inch; concave 25mm /1inch	
Min Substrate Thickness: Ferrous (FE): 0.2 mm/Non-ferrous (NFE): 0.1 mm	

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