

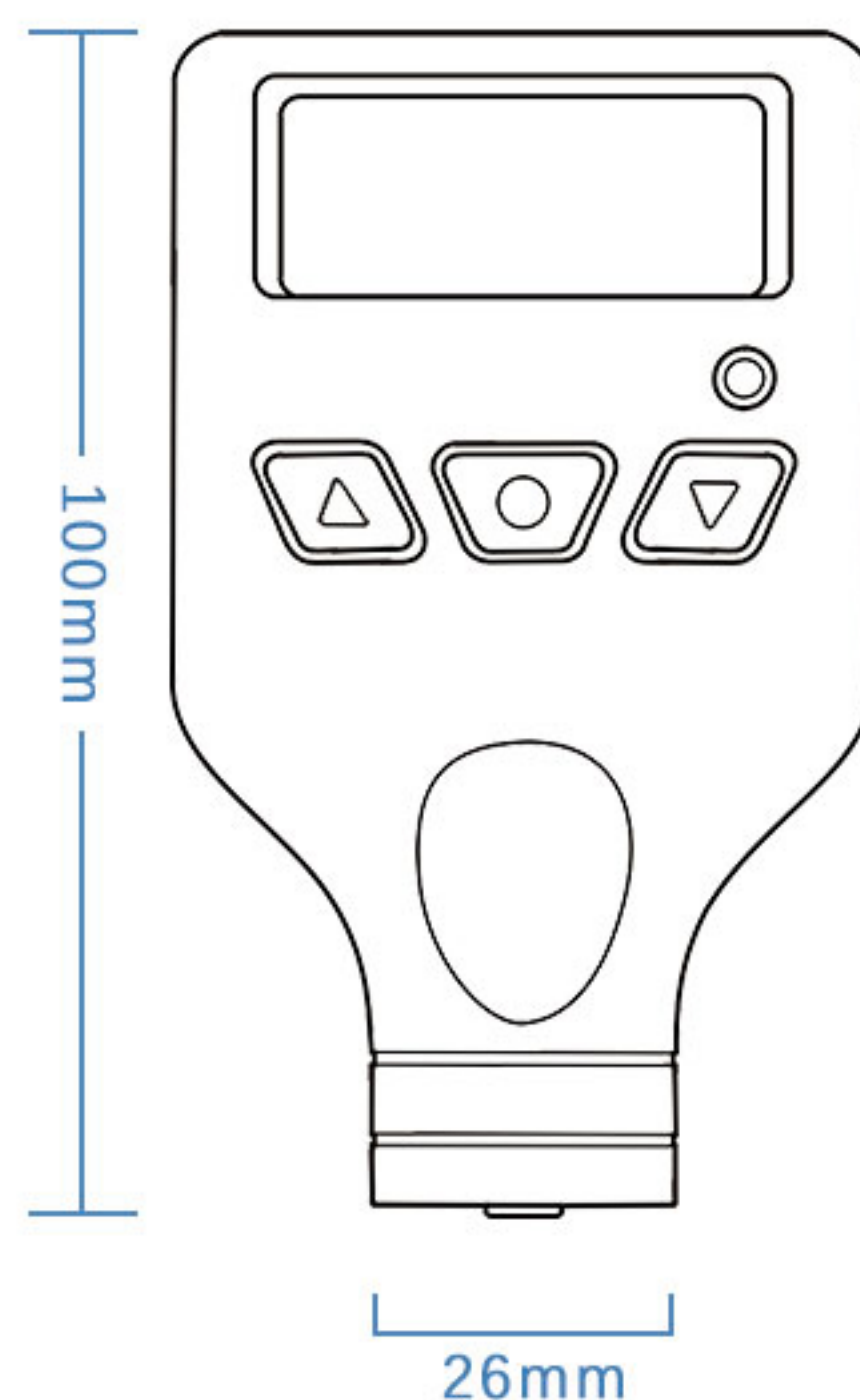


P-210

COATING THICKNESS GUAGES FOR INDUSTRY

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



P-210 Coating Thickness Guages

The instrument utilizes a high-precision sampling chip and a high-performance processor, 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. With characteristics such as small measurement error, high reliability, good stability, and ease of operation, it is an essential tool for controlling and ensuring product quality. It is widely used in inspection fields such as 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 Available



Iron Galvanizing Testing



Intelligent Alarm



Wide Measurement Range: 2000μm



Accurate Measurement



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.



☑ Three-Key Operation Design

The three-key operation is convenient and quick, enhancing efficiency and ease of use.

Technical Index

Measuring Range: 0 to 2000 μm	Min Measuring Dimension: 15 x 15 mm
Measuring Accuracy: $\pm(1+1\% \cdot H)\mu\text{m}$	Units: μm/mil
Resolution: 0.1 μm (1-100 μm); 1 μm (100-2000 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	