

Ultrasonic Thickness Gauge with A/B Scan

This ultrasonic thickness gauge is designed for measuring the thickness of materials using ultrasonic technology. It features both A-scan and B-scan display modes for detailed analysis and precise measurements.



ADDITIONAL IMAGES



Overview

Advanced Ultrasonic Inspection

This portable ultrasonic thickness gauge is engineered for precision wall thickness and corrosion assessment across critical industries like shipbuilding, energy, and aerospace. Featuring advanced A-scan and B-scan capabilities, it provides detailed visualizations for complex material analysis. With multiple testing modes and high-accuracy measurement, it offers a robust solution for quality control and maintenance inspections.

Measurement Capabilities

Measuring Range

0.25 mm

Minimum

500 mm

Maximum

Testing Modes

I-E, T-E, E-E (with coating)

Sound Velocity Range

508 m/s – 18699 m/s

Technical Specifications

Display Resolution

- 0.001 mm
- 0.01 mm
- 0.1 mm

Display

320x240 Color LCD

Weight

360 g

Operating Temperature

0~40°C

Data & Connectivity

Connectivity

WIFI • USB • TF Card

Storage Capacity

500 files (1000 data/waveforms per file)

Power

Power Source

3 x AA Batteries

Applications

Suitable Industries

Industry Sector

Metallurgy & Shipbuilding

Chemical & Petroleum

Aerospace & Aviation

Electric Power & Nuclear

Boiler & Pressure Vessel Inspection