

# 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