

Portable Ultrasonic Flaw Detector

This portable ultrasonic flaw detector is used for non-destructive testing to detect internal flaws in materials. It features simultaneous display of high resolution A-scan and B-scan waveforms.



Product Overview

High-Precision Ultrasonic Flaw Detection

This portable ultrasonic flaw detector is engineered for precise non-destructive testing across demanding industrial environments like aerospace and automotive manufacturing. It features a 5.7-inch color TFT display and an advanced pulse generator, enabling accurate detection of internal material flaws through high-resolution A-scan and B-scan visualization. With support for multiple evaluation curves like DAC, AVG, and DGS, it provides inspectors with the reliable data required for comprehensive quality control and safety validation.

Performance Metrics

Performance Highlights

10000 mm

Max Measurement Range

0.1 %

Horizontal Linearity

2 %

Vertical Linearity

Technical Specifications

Dimensions and Weight

Attribute	Value
Dimensions	177 x 255 x 51 mm
Weight	1200 g

Environmental Limits

- Operating Temperature: -10°C to +50°C
- Storage Temperature: -20°C to +60°C

Power & Connectivity

Power System

- Battery Capacity: 2 x 3.7V 5000mAh
- Working Time: > 8 hours
- Charging Time: < 8 hours

Features

Waveform Display Options

Positive Half-wave • Negative Half-wave • Full Wave • Radio Frequency

Interface Languages

English, Chinese, Spanish