



Automatic Portable Ultrasonic Flaw Detector

Product Description

Portable digital ultrasonic flaw detector designed for non-destructive testing (NDT) of metals and engineering components. Suitable for flaw detection, weld inspection, thickness measurement, and quality control in laboratories, workshops, and industrial applications.

Technical Specifications

Parameter	Specification
Receiver Bandwidth	0.5–20 MHz (Wide Band Amplifier)
Frequency Selection	Selectable Low & High Cut-off Frequency
Horizontal Linearity	±1%
Measurement Range	0–100% Full Screen
Calibration Modes	Single Probe & Double Probe (T-R Mode)
Test Modes	Pulse Reflection / Pulse Transmission
Measurement Units	Millimetres (mm) or Microseconds (μ s), Selectable

Features

- Portable and lightweight design
- Wide-band receiver (0.5–20 MHz)
- High linearity ($\pm 1\%$)
- Multiple calibration and test modes
- Selectable measurement units (mm/ μ s)
- Suitable for weld inspection, crack detection, and material flaw analysis

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Rugged construction for field and laboratory use



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