

Ultrasonic Hardness Tester

This ultrasonic hardness tester nondestructively measures the hardness of metals and alloys. It utilizes the Ultrasonic Contact Impedance (UCI) method.



Product Overview

Precision Ultrasonic Hardness Testing

The Ultrasonic Hardness Tester utilizes the UCI method to provide accurate, non-destructive testing of metallic components. This portable device is engineered for rapid measurements in just two seconds, making it ideal for checking complex shapes and confined spaces. Its high-precision diamond indenter leaves microscopic indentations that are only visible under high-power magnification.

Performance Metrics

Measurement Time

2 seconds

Time to Result

Data and Connectivity

Internal Storage	100 groups
SD Card Support	Yes

Display and Interface

Data Display Features

- Direct measurement results
- Loading force indication
- Measurement counts
- Maximum value tracking
- Minimum value tracking
- Average value calculation
- Deviation analysis

Quality and Standards

Test Methodology	Non-destructive, Ultrasonic Contact Impedance, Microscopic indentation
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