

Digital Hardness Tester with USB Interface

This portable hardness tester measures the hardness of metallic materials on-site. Data can be transferred to a PC via USB or RS232 and printed directly.



Product Overview

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This portable hardness tester is designed for efficient on-site hardness testing of various metallic materials. Featuring a high-resolution 3.5-inch LCD display, it offers intuitive operation and supports automatic conversion across multiple hardness scales including HL, HV, HB, HRC, HRB, and HS. With robust data management capabilities, including internal memory, MicroSD card support, and PC connectivity, it is an essential tool for quality control in manufacturing and metallurgy.

Technical Specifications

Performance Metrics

6 HLD

Tolerance

6 HLD

Repeatability

Measuring Range	170-960 HLD
Measuring Direction	360°
Supported Hardness Scales	HL, HB, HRB, HRC, HV, HS

Connectivity & Data

Software & PC Integration

- PC Software included
- Data transfer in Word & Excel format
- Software calibration function

Data Storage	200 groups internal memory; Supports MicroSD up to 32GB
Communication Interfaces	USB, RS232

Physical & Power

Physical Dimensions

Attribute	Value
Dimensions	149 x 82 x 23 mm
Weight	200 g

Operating Environment

- Operating Temperature: 0 to 40
- Humidity: d90%

Power Requirements

5V / 500mA

Included Accessories

Package Contents

- Main unit
- MicroSD card
- Impact device type D
- Communication cable
- Test block HLD
- Small support ring
- Charger
- Cleaning brush
- Instruction manual
- Warranty card & Certificate