

Portable Leeb Hardness Tester with LCD Display

This portable hardness tester employs the dynamic Leeb rebound method for quick and accurate on-site measurements of metallic materials. It features a user-friendly menu, a large LCD display, and automatic recognition of 7 optional impact devices.



Product Overview

Advanced Portable Hardness Testing

This advanced portable Leeb hardness tester offers high accuracy and simplicity for a wide range of metallic material testing. Designed for versatility, it supports measurements in any direction, even with the probe pointing upward, and includes a built-in printer for immediate documentation. It is an essential tool for industries such as petroleum, machinery, and power generation, providing reliable data including mean values and tensile strength conversions.

Performance Specifications

Measuring Range

170 HLD

Min HLD

960 HLD

Max HLD

Tolerance	±6HLD (at 760±30 HLD)
Repeatability	6HLD (at 760±30 HLD)
Measuring Direction	360° (Any direction)

Supported Scales

Hardness Scales	HL, HV, HB, HRC, HRB, HS
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Supported Materials

Compatible Materials

- Steel and Cast steel
- Forged Steel
- Cold Work Tool Steel
- Stainless Steel
- Gray Cast Iron
- Nodular Cast Iron
- Cast Aluminum Alloys
- Brass
- Bronze
- Wrought Copper Alloys

Physical & Power

Dimensions	235 x 90 x 47 mm
Weight	615 g
Power Requirements	12V / 600mA
Charging Time	2 - 3.5 hours

Operating Environment

Operating Temperature	0°C to 40°C
Max Humidity	90 %

Printer Specs

Printer Specifications

Parameter	Value
Paper Width	44.5 ± 0.5 mm
Paper Diameter	40 mm