

# 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