

Portable Leeb Hardness Tester

This light, mini hardness tester features a simple menu for ease of use. It utilizes a universal D type standard impact device suitable for the majority of hardness testing needs and provides a wide range of measurements.



Overview

Compact Hardness Testing Solution

This portable Leeb hardness tester is a dynamic, mini-sized unit designed for efficient on-site material analysis. It features an integrated D-type impact device, making it highly versatile for the majority of hardness testing requirements across various metallic materials. With its intuitive menu, 360-degree measuring capability, and rechargeable battery, it provides a convenient and reliable solution for quality control and material inspection.

Technical Specifications

Supported Hardness Scales	HL, HB, HRA, HRB, HRC, HV, HS
Measuring Range (HLD)	960 HLD
Accuracy	6 HLD

Physical Properties

Dimensions	145 x 35 x 30 mm
Weight	130 g

Performance Metrics

Performance Overview

8 h

Continuous Working Time

24 µm

Indentation Depth

360 °

Measuring Direction

Workpiece Requirements

Workpiece Requirements

Parameter	Requirement
Min. Surface Roughness	1.6 µm (Ra)
Max. Workpiece Hardness	960 HLD
Min. Radius (Standard)	50 mm
Min. Radius (w/ Support Ring)	10 mm
Min. Thickness (Hardened Layers)	0.8 mm

Power and Environment

Power Supply	Rechargeable Li-battery 3.7V
Operating Temperature	0~40°C