

Portable Leeb Hardness Tester with Integrated Printer

This portable Leeb hardness tester is light and easy to use. It converts hardness scales including HL, HV, HB, HRC, HRB and HS.



Overview

Portable Hardness Testing Solution

This portable Leeb hardness tester is designed for versatile, on-site measurement of metallic materials. It features an integrated printer for immediate documentation and supports data output via RS232 for further analysis on a PC. With its user-friendly interface and support for multiple hardness scales, it is an essential tool for quality control and material verification in demanding industrial environments.

Key Features

Core Functionalities

- Integrated removable printer
- RS232 data output
- Matrix LCD display with backlight
- Upper/Lower limit alarm
- Auto-recognition of impact devices

Supported Hardness Scales

HL, HV, HB, HRC, HRB, HRA, HS

Performance Metrics

Measuring Range

170 HLD

Min HLD

960 HLD

Max HLD

Tensile Strength Range

374 – 2652 MPa

Tolerance

±6HLD (at HLD=760±30)

Workpiece Requirements

Minimum Workpiece Requirements

Requirement	D/DC	D+15	C	G
Min. Thickness	5mm	5mm	1mm	10mm
Min. Hardened Layer	e0.8mm	e0.8mm	e0.8mm	e1.2mm

Technical Specifications

Continuous Working Time

50 h

Data Memory

48-350 groups