

❖ product information ❖

H3000 Portable Hardness Testers



Description

The H3000 is an advanced Leeb's-type hand-held digital metal hardness tester with high accuracy, wide measuring range and easy operation. It is suitable for testing the hardness of all metals and is especially useful for on-site testing of large structures or assembled components. Leeb's-type rebound hardness testers are widely used in manufacturing plants, testing laboratories and engineering companies

Features

- Menu operation
- Large LCD display with back-light
- High accuracy
- Automatic mean value display
- Accommodation for all impact devices: D, DC, D+15, G, C, DL, E; no recalibration required
- Display of hardness values in HL, HRC, HRB, HB, HV&HS
- Testing can be performed at any angle
- RS 232 interface to PC or micro-printer
- Conform to ASTM standard

Specifications

- Accuracy: +/- 0.5% (referred to L=800)
- Measuring range: Hardness value L= 200-960
- Storage capacity: 960 readings
- Data acquisition and print out
- RS232 interface to PC
- Operating temperature: -10°C - +45°C, impact device: -20°C - +120°C
- Power: 4 x AA batteries
- Weight: 550g
- Dimension: 195x84x38mm

Materials & measuring range (HL: 174-960)

Material	HL	HRC	HRB	HB	HV	HS
Steel & Cast steel		19-68	38-100	80-683	80-	32-

				1027	102
Cold work tool steel		20-67	-	-	80-900
Stainless steel		20-62	46-102	85-655	85-800
Grey cast iron		-	-	93-334	
Nodular cast iron	174-960	-	-	130-390	
Cast aluminium alloys		-	-	20-160	
Copper/Zinc alloys (brass)		-	13-95	40-173	
Cu Al/ Cu Sn alloys (bronze)		-	-	60-290	
Wrought copper alloys		-	-	45-315	

Standard package	Optional accessories
Main unit	Micro-printer
Impact device D	Impact devices: DC, D+15, G, C, E, DL
Standard test block	Data managing software
Calibration certificate	Special support rings for round surfaces
4 x AA batteries and cleaning brush	Connection cable to PC or Printer
Leather pouch and carrying case	
Manual	