



Digital Leeb Hardness Tester TIME®5150

The TIME®5150 is an extremely compact, integrated Leeb hardness tester with impact device type D. It is light, easy to carry and can be operated with one hand. Measurement is possible in any impact direction (360°); the direction is identified automatically. The TIME®5150 converts the readings into the common hardness scales (HL, HV, HB, HRC, HRB, HRA, HS) as well as into tensile strength and stores 100 groups of data. Comparison measurements allow you to create your own hardness conversion table for customised materials. The high-contrast OLED display shows all important values, and the readings can be sent wirelessly to a printer via Bluetooth.

Features

- Compact, lightweight unit with impact device type D, one-handed operation
- Conversion of the common hardness scales (HL, HV, HB, HRC, HRB, HRA, HS) and of tensile strength
- 128 × 64 dot-matrix OLED display with high contrast and plenty of information
- Customised materials: own hardness conversion table via comparison measurements (5 materials)
- Automatic identification of common impact directions (360°)
- Memory for 100 groups of measurement averages
- Upper and lower hardness limits can be preset, with tolerance indication for series testing
- Software calibration
- Bluetooth 4.2: wireless output of readings to a Bluetooth printer
- Connection to the TIME app via Bluetooth (instrument version 2.1 or above)
- Automatic power-off, time adjustable or can be disabled
- Built-in rechargeable lithium battery, Type-C charging

Scope of delivery

- Main unit
- Hardness test block (HLD)
- Small support ring
- Charger
- Cleaning brush
- Operating manual

Technical Data

Parameter	TIME®5150
Measuring range	170–960 HLD
Hardness scales	HL, HB, HRA, HRB, HRC, HV, HS
Measuring direction	360° (automatic identification)
Accuracy	±6 HLD (at HLD = 790 ± 40)
Repeatability	6 HLD (at HLD = 790 ± 40)
Display	OLED, 128 × 64 dots
Memory	100 groups of data
Limit values	adjustable (170–960 HLD)
Customised materials	5
Wireless interface	Bluetooth 4.2
Power supply	5 V / 1 A, built-in lithium battery (Type-C)
Dimensions	177 × 38 × 29 mm
Weight	120 g
Optional accessories	Support rings, Bluetooth printer

Technical changes reserved.