

DHT-100 Plus Portable Hardness Tester



Description

The DHT-100 Plus 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 OLED display
- 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
- Probe impact direction at any angle
- Software with USB cable
- Conform to ASTM A956

Technical specifications:

Hardness scale	HL, HRC, HRB, HB, HV and HS convertible
Impact devices	D (standard), DC/ D + 15 / C / G / DL (optional)
Accuracy	±0.5 %
Display	OLED display
Statistics function	Average / Max. / Min. value calculation Limits setting and alarm
Data storage with Output	Data view software & USB cable
Max. hardness value	999HV (Impact device D/DC/DL/D+15/C) 68HRC (Impact device D/DC/DL/D+15/C) 680HB (Impact device G)
Minimum sample weight	2kg on solid support / 0.8kg with couplant paste
Minimum thickness coupled	6 mm (Impact device D/DC/DL/D+15) 10 mm (Impact device G)
Battery indicator	Low battery indication
Power supply	2 AA batteries
Operating temperature	-20°C to 40 °C
Dimensions	133mm×75mm×29mm
Weight	260g

Standard delivery including:

DHT-100 Plus main unit
Standard D impact device
Calibration certificate
LD test block
Software with USB cable
Battery charger
Instruction manual
Carrying case