



HLN110 Portable Leeb Hardness Tester

Category: Leeb Hardness

Applications:

- Die cavity of molds
- Bearings and other parts
- Failure analysis of pressure vessel, steam generator and other equipment
- Heavy workpiece
- The installed machinery and permanently assembled parts
- The testing surface of a small hollow space
- Material identification in the warehouse of metallic materials
- Rapid testing in large range and multi-measuring areas for large-scale workpiece

Features:

- * Wide measuring range. Based on the principle of Leeb hardness testing theory. It can measure the Leeb hardness of all metallic materials.
- * Large screen 128×64 matrix LCD, showing all functions and parameters.
- * Test at any angle, even upside down.
- * Direct display of hardness scales HRB, HRC, HV, HB, HS, HL.
- * Seven impact devices are available for special applications. Automatically identify the type of impact devices.(optional)
- * Large capacity memory could store 500 groups (Relative to average times 32~1) information including single measured value, mean value, testing date, impact direction, impact times, material and hardness scale etc.
- * Upper and lower limit can be preset. It will alarm automatically when the result value exceeding the limit.
- * Battery information indicates the rest capacity of the battery and the charge status.
- * User calibration function.
- * Software to connect with PC via USB port.
- * With EL background light.
- * Thermal printer integrated, convenient for in field printing.
- * NI-MH rechargeable battery as the power source. Charge circuit integrated inside the instrument. Continuous working period of no less than 150 hours (EL off and no printing).
- * Auto power off to save energy.
- * Outline dimensions: 212mm×80mm×35mm

Technical Parameter:

Measure scope: 170HLD-960HLD.
Testing direction: 360°
Testing material: 10 varieties.
Hardness scale: HL HRC HRB HRA HB HV HS.
Display: Dot Matrix LCD
Integrated data memory: 373-2688 groups measurement series.
(Relative to average times 32~1)

Working Voltage: 7.4V
Power supply: 5V/1000mA
Recharge time: 2.5-3.5 hours
Continuous working period: approx. 500 h
(no printing and backlight off)

Communication: USB

Standard configuration:

- 1 Main Unit
- 1 D type impact device
- 1 Small support ring
- 1 piece of Nylon brush (A)
- 1 High-value leeb hardness test block
- 1 Communication cable
- 1 Battery charger
- 1 Instruction manual
- 1 data processing software(used with PC)
- 2 Printer paper
- 1 box