



HL200 Portable Leeb Hardness Tester



Category: Leeb Hardness

Features and Application:

1. Full digital display, menu operation, easy and convenient operation.
2. The hardness scale of the data browsing interface can be converted arbitrarily, and the repetitive labor such as the default look-up table is omitted.
3. It can be equipped with 7 different impact devices. No need to recalibrate when replacing. Automatically identify the type of impact device and store 510 files. Each file has 47-341 groups (32-1 impact times) single measurement value and average value, measurement date, impact direction, frequency, material, hardness system and other information.
4. The upper and lower limits of the hardness value can be set in advance, and it will automatically alarm if it exceeds the range, which is convenient for users to perform batch testing. It has the function of calibration of the display software.
5. Support "forged steel (Steel)" material, when using D/DC impact device to test "forged steel" sample, the HB value can be read directly, saving the trouble of manual table lookup.
6. Built-in large-capacity car ion rechargeable battery and charging control circuit, super long working time.
7. According to user requirements, it can be equipped with microcomputer software, which has more powerful functions and meets higher requirements for quality assurance activities and management.

Product Highlights:

1. Double hardness scale display to meet the individual needs of customers;
2. Color LCD screen display, rich information display;
3. With USB or RS232, RS485 communication interface, it can be easily connected to PC, industrial computer or PLC;
4. Wireless Bluetooth communication function, can be connected to PC or mobile phone;
5. Built-in domestic and foreign conversion tables to meet different needs of customers.

Technical Parameter:

Measuring range: HLD (170 ~ 960) HLD
Measuring direction: 360°
Hardness system: Leeb, Brinell, Rockwell B, Rockwell C, Rockwell A, Vickers, Shore
Display: TFT, 320*240 color LCD
Data storage: 510 files, each file has 47-341 groups (impact times 32-1)
Upper and lower limit setting range: same as measurement range
Working voltage: 3.7V
Charging time: 3 to 5 hours
Charging power supply: DC5V/1000mA
Continuous working time: about 20 hours, standby 80 hours
Communication interface standard: MiniUSB (or RS232, RS485)
Bluetooth communication

One Standard equipment includes:

- One Main machine
- 1 D type impact device
- 1 Small support ring
- 1 High-value leeb hardness block
- 1 Battery charger

