

TIME®5330 Leeb Hardness Tester



Application:

One kind of metrological testing instrument for measuring the hardness of metal materials. It can be used for testing metal materials with a wide hardness range. It is particularly suitable for measuring the hardness of large, heavy, non-disassembly, narrow space, different directions and special parts of the workpiece.

Features:

- Adopts 4.3-inch widescreen AMOLED display, 480×272 (WQVGA) graphic dot matrix, 24-bit true color, beautiful fonts and graphics, rich and clear information.
- Built-in lithium-ion rechargeable battery and charging control circuit, no memory effect, convenient charging, long life.
- Full Chinese display, menu/shortcut key dual-mode operation, quick setting of common functions, simpler and more convenient operation.
- With RS232 and USB interfaces, multiple communication methods meet the individual needs of different users.
- With automatic identification of common impact direction function (except G-type impact device).
- Adopts digital impact device, can be equipped with all 7 types of probes, automatic identification of probe type, no need to recalibrate when replaced.
- Large-capacity memory, which can store 2000 sets of single measurement values, average values,

measurement date, impact direction, number of times, materials, hardness system and other information.

- Active luminous display screen, no backlight required, high brightness, high contrast, convenient for users to use in the field.
- The main display interface has information such as date, time, memory information, battery information, electronic column, out-of-tolerance prompt, impact device type, operation prompt, etc., which is more convenient and practical.
- Can be connected to a micro printer through the RS232 interface to print any number of test results.
- Has the function of soft calibration of indication.
- With "forged steel (Steel)" material, when the "forged steel" sample is tested with a D/DC type impact device, the HB value can be read directly, eliminating the trouble of manual table lookup.
- According to the user's requirements, it can be equipped with host computer software, and the measurement data can be transmitted to the host computer in Word or Excel format to meet the higher requirements of quality assurance activities and management.

Technical Parameters:

Measuring Range	(170~960)HLD
Measuring direction	360°
Hardness scales	HLD, HB, HRA,HRB,HRC,HV,HS
Display	4.3 inch AMOLED screen, 480×272 dot matrix, 24 bits true color display
Data storage	2000 groups
Upper and Lower limits setting	(170~960)HLD
Working voltage	3.7V
Charge time	Approx 5 hours
Charge power	6V/800 mA
Continuous Working Time	Approx 12 hours
Interface	RS232 and USB

Standard configuration:

Host, D-type digital impact device, standard Leeb hardness block, small support ring, charger.