

HL500 Portable Hardness Tester



Advantages

- It is the highest brightness display in India showing all functions and parameters, easy to read OLED screen save lot of energy gives longer battery life.
- Two hardness scale dual-display in the screen.
- Measuring direction in 360° and add the auto measure direction to make test easy and precise.
- Add four new hardness scales, HRA, HB for D impact device of alloy tool steel; HV for cast aluminum alloy
- Add new user material function, to meet the need of user can test the special material.
- Test at any angle, even upside down.
- Wide measuring range. It can measure the hardness of all metallic materials. Direct display of hardness scales HRB, HRC, HV, HB, HS, HL and three types of strength values immediately.
- Seven optional impact devices are available for special application. Automatically identify the type of impact devices.
- Large capacity memory could store 600 groups (Relative to average times 32~1) information including single measured value, mean value, testing data, 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.
- USB port with the PC connectivity, multi-functions data proceeding software.

VERTEX ENGINEERS & ASSOCIATES

- Original imported high speed thermal printer support the immediate printing function. It can save data permanently.
- Li rechargeable battery as the power source. Charge circuit integrated inside the instrument. Continuous working period of no less than 200 hours (EL off and no printing).
- Auto power off to save energy.
- Excellent after-sale service system for high quality products, 1 year warranty

● Main Application

- Die cavity of molds
- Bearings and other parts
- Failure analysis of pressure vessel, steam generator and other equipment
- Heavy work piece
- The installed machinery and permanently assembled parts
- 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 work piece

Technical Specifications

Measuring range	HLD (170~960) HLD
Measuring direction:	360°
Accuracy:	+/- 4 HLD
Hardness Scale:	HL、HB、HRB、HRC、HRA、HV、HS
Display:	OLED screen ,3 inch ,
Data memory	600 groups max. (relative to impact times 32~1)
Printing paper: width	(57.5±0.5) mm, diameter is 30mm
Battery pack:	7.4V Li battery
Battery charger:	9V/500mA
Continuous working period	about 200 hours (With backlight off, no printing)
Communication interface	USB2.0
Outline dimensions	225mm×85mm×35mm

Configuration

	No.	Item	Quantity	Remarks
Standard Configuration	1	Main Unit	1	
	2	D type impact device	1	With cable
	3	Standard test block	1	
	4	Cleaning brush (I)	1	
	5	Small support ring	1	
	6	Battery Charger	1	9V 500mA
	7	Paper for printing	1	
	8	Manual	1	
	9	Instrument case	1	