

## KASON-5000 Portable Leeb Hardness Tester



# 19 YEARS

Development Base of Advanced Testing Machine Of China

### Advantages:

- Largest screen Oled screen ,it is the highest brightness display in China showing all functions and parameters, easy read and operate, also can save lots of energy .the largest screen of Leeb hardness tester in China.
- Two hardness scale dual-display in the screen.

- Measuring direction in 360° and add the auto measure direction to make test easy and precision.
- 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 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 $32 \sim 1$ ) 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 humanity multi-functions data proceeding software.
- 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---3 years' guarantee and all life maintenance. Easy to buy and comfortable to use.

### **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 ,one of the biggest screen in China.
- Data memory: 600 groups max. (relative to impact times 32~1)
- Printing paper: width is (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

## Packing list:

	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	

*KASON reserves the right to modify the technical and stetics characteristics included in this document, without previous notice*

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