

ITI – 160 (P) NEW LATEST technologies Portable Hardness Tester



Advantages

- **Largest screen OLED screen (3 inch)**, it is the highest brightness display in showing all functions and parameters, easy read and operate, also can save lots of energy. The largest screen of Leeb hardness tester.
- 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 32~1) 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.
- 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.

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: +/- 6 HLD
- Hardness Scale: HL、HB、HRB、HRC、HRA、HV、HS
- Display: OLED screen ,3 inch ,one of the biggest screen .
- 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: 6V NI-MH
- Battery charger: 9V/500mA
- Continuous working period: about 150 hours (With backlight off, no printing)
- Communication interface: USB1.1
- Outline dimensions: 210mm×85mm×35mm Approx.

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 & Calibration Certificate.	1	

FROM: INDIA TOOLS & INSTRUMENTS CO, Mumbai , e-MAIL: ojus_itico@hotmail.com
WEB:www.indiatool.net Tel: 022-23428862 / 09819345050