

**MODEL: PHT-II****Portable Hardness Tester Advantages**

1. Large screen (**128×64 OLED**), showing all functions and parameters.
2. Test at any angle, even upside down.
3. Wide measuring range. It can measure the hardness of all metallic materials. Direct display of hardness scales HRB, HRC, HRA, HV, HB, HS, HL and strength values immediately.
4. Seven impact devices are available for special application. Automatically identify the type of impact devices.
5. Large capacity memory could store 600 groups information including single measured value, mean value, impact direction, impact times, material and hardness scale etc.
6. Battery information indicates the rest capacity of the battery and the charge status.
7. User calibration function.
8. USB port with the PC humanity multi-functions data proceeding software.
9. Original imported high speed thermal printer support the immediate printing function. It can save data permanently.
10. NI-MH 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).
11. Auto power off to save energy.
12. Industrialized housing design, sturdy, compact, portable, high reliability, suitable for harsh operating environment, vibration, shock and electromagnetic interference.

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
- 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), HRC (17.9-69.5), HB (19-683), HV (80-1042), HS (30.6-102.6), HRA(59.1-88), HRB (13.5-101.7)

1. Measuring direction: 360°
2. Hardness Scale: HL、HB、HRB、HRC、HRA、HV、HS
3. Display: dot matrix LCD, 128×64 dots
4. Data memory: 600 groups max.
5. Printing paper: width is (57.5±0.5) mm, diameter is 30mm
6. Battery pack: 6V NI-MH
7. Battery charger: 9V/500mA
8. Continuous working period: about 200hours (With backlight off, no printing)
9. Communication interface: USB2.0
10. Dimensions: 210 x 85 x 45mm (host)
11. Weight: about 0.6kg (host)



Standard Accessories

	No.	Item	Quantity	Remarks
Standard Accessories	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	Data Pro software	1	
	10	Communication cable	1	
	11	Instrument case	1	
	12	Other type of impact devices and support rings	Nil	Optional