

Model AHT100 portable hardness tester



[Introduction]

Model AHT100 portable hardness tester can directly measure different types of hardness value including (HRC, HRB, HRA), Leeb (HL), Brinell (HB), Vickers (HV), and Shaw (HS). In accord with international standards it's also can meet the "Leeb hardness tester technical conditions ZBN71 010-90" and the "metal in the hardness test method GB / T 17394-1998" Leeb hardness standard JB/ T9378-2001 standards which are issued by the Ministry of Machinery Industry and National Quality and Technical Supervision.

With low-power design and high-performance Li batteries which can achieve ultra-long standby time work it has more compact and flexible design increases user flexibility.

[Features]

- All English menu display is easy to manipulate. OLED display for better use in any environments.
- With Mini USB communication port.
- Large capacity memory can store 48~350 groups (impact average times 32~1) of information including single measured value, mean value, testing date, impact direction, impact times, material and hardness scale etc.
- Conversion to tensile strength (U.T.S).



- For all metallic materials.
- Provide software calibration function.
- High-performance Li battery with charging circuit providing extra-long working time and standby time. Battery sign, display the current remaining capacity.
- PC Software can be equipped to meet the higher demands in quality assurance, activities and management.

[Technical Specification]

- Measuring range: 170~960 HLD
- Measuring direction: 360°
- Hardness Scale: HL, HRC, HRB, HRA, HV, HB, HS
- Display: dot matrix LCD 128×32 dots
- Data storage: 350 groups maxim, relative to impact times 32~1
- Charging power supply: 5VDC, 220VAC
- Charging time: 1~2h
- Battery: 3.7V, Li (120mAh)
- Using temperature: 0 ~ 40°C
- Storage temperature: -25 ~ 70°C
- Continuous working period: 10h (without backlight)
- Communication port: Mini USB
- Outline dimensions: 146 × 30 × 25mm
- Wight: 110g (main device)

[Configuration]

	NO.	Item	Quantity
Standard Configuration	1	Main unit	1
	2	Small support ring	1
	3	Cleaning brush (I)	1
	4	High value test block	1
	5	Charger	1
	6	Communication cable	1
	7	Software	1
Optional Configuration	8	Other type of support rings	
	9	High, medium, and low HLD value test block	