

AHT120 Leeb hardness tester with integrated printer



Features:

- Direct conversion of HL HRA ,HRB ,HRC ,HB .HV, HS; Conversion to tensile strength
- Matrix LCD, showing all functions
- Menu operation, easily to operate
- Seven different kinds of impact device are available, distinguish automatically, no need calibration
- On-board memory holds 48-350 groups of data
- Upper/lower limits setting and sound alarm
- Help key is available for all the operation interfaces
- Backlight for convenient use in darkness
- Software calibration
- Any test value can be printed directly
- RS232 connector, many connecting ways to satisfy different requirements
- Easy to replace rechargeable battery
- Easy to change rechargeable battery

Technical Specification

Measuring range	(170-960)HLD	(17.9-69.5)HRC
Hardness scale	HLD,HB,HS,HRA,HRB,HRC,HV	
Measuring direction	360°	
Tolerance	±6HLD(when HLD=760)	
Repeatability	6HLD(when HLD=760)	
Diameter of printer paper	40mm	

Width of printer paper	44.5±0.5mm
Power	12V/600mA
Charging time	2-3.5 hour
Humidity	≤90%
Operating temperature	0°C-40°C
Weight	0.6kg
Overall dimensions	234×88×46mm
Max.Workpiece Hardness	
Min.Radius of Workpiece (convex/concave)	Refer to "Technical specification of impact devices" below
Min. Workpiece weight	
Min. Workpiece thickness	
Min. thickness of hardened layers	
Measuring range	Refer to “wide measuring range of TIME hardness testers” and "testing accuracy and repeatability" below
Accuracy	

Standard delivery

- Main unit
- Impact device type D
- Small support ring
- Printing paper
- Nylon brush
- Leeb hardness test block
- Charger
- Certificate
- Warranty card
- Instruction manual

Optional accessories

- Communication cable
- Special impact device
- Support rings
- Nylon brush(when selecting impact device type G)

