



PORTABLE LEEB HARDNESS TESTER

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



PHT-210

**APPLICATION: -**

- Chilled steel, quenched and tempered steel, annealing steel, bearing steel, strip steel, hardened steel sheet, hard alloy, etc.
- Cast iron, nonferrous metal, especially for soft metal, such as pure aluminum, lead, tin, etc.
- Carburizing, nitriding and decarburization layer, the surface hardening layer, electric plating and coating.

FEATURES: -

- LCD display of 128×64 matrix with back-light, showing all functions and parameters.
- Converts to all common hardness scales (HV, HB, HRC, HRB, HS).
- English displaying and easy and convenient menu operation.
- Powerful PC Software available and USB 1.0 interface and USB with Protective Membrane.
- 7 types of Impact Device optional, which don't need to be recalibrated when changing them.
- Memory of 600 groups data impact times: 32 (~1.)
- Lower limit setting and sound alarm.
- Material of “cast steel” is added; HB values can be read out directly when D/DC impact device is used to measure “cast steel” work piece.
- Printer be separated from main unit and copies of testing results can be printed as required.
- Normal battery AAA and big power store while USB connected and charging controlling circuit.
- Inbuilt function of Software Calibration.

TECHNICAL SPECIFICATION: -

Model NoSSSS	PHT-210
Hardness scale	HL, HB, HRB, HRC, HV, HS
Measuring range	HLD 170-960
Memory	(48-600) groups (impact times: 32-1)
Accuracy	±6HLD (760±30HLD) error of displayed value 6HLD (760±30HLD) repeatability of displayed value
Standard Impact Device	D
Optional Impact Devices	DC/D+15/G/C/DL
Max. work piece Hardness	996HV (For Impact Devices D/DC/DL/D+15/C), 646HB (For Impact Device G)
Min. Radius of work piece	Rmin = 50mm (with special support ring Rmin= 10mm)
Min. Work piece weight	2~5kg on stable support , 0.05~2kg with compact coupling
Min. Work piece thickness	5mm (Impact Devices D/DC/DL/D+15) 1mm (Impact Device C) 10mm (Impact Device G)
Min. thickness of hardened surface	0.8mm
Power	Normal AA Battery
Continuous Working time	approx. 100 h (no back light off)
Operating temperature	0~40 Degree
Relative humidity	≤90%
Overall dimensions	125*67*31mm (main unit)
Weight	0.3kg (main unit)