

PORTABLE HARDNESS TESTER

Hartip 2000™ -- New

HARTIP 2000 is an innovative portable Leeb hardness tester with our new patent technology. Which make HARTIP 2000 a universal impact direction hardness tester. It is no need to set up impact direction when taking measurement by any angle. Therefore, HARTIP 2000 offers a linear accuracy comparing to the angle compensating method.

HARTIP 2000 is also a cost saving hardness tester and has many other features. ●



Universal Angle

- ★ More accurate: ± 2 HL
- ★ Linear accuracy for any angles
- ★ No need to setup impact direction
- ★ No compensation for impact direction

Specifications

HARTIP 2000	
Principle	Leeb hardness measurement
Accuracy	$\pm 0.3\%$ @ HL=800, Repeatability: ± 2 HL
Display	Digital LCD with backlight
Hardness scale	HL/HRC/HRB/HB/HV/HS/ σ_b
Measuring range	HL200-960/ HRC19-68/ HRB13-101.7/ HB20-655/ HV80-940/ HS32-99.5
Impact device	DU (External)
Impact direction	Universal angle type
Materials	10 common metal materials
Memory	999 data can be stored and re-readable
Statistics	Calculated automatically
Recalibration	Allowed by user
Indicator	Low battery
Communication interface	RS232 to micro-printer
Auto power off	Auto
Power supply	1.5V AA alkaline battery x 2
Working environment	-10~+40°C
Dimension (mm)	124x67x30
Net weight (g)	240
Standard	Conforming to ASTM A956

Portable Hardness Tester

Standard package

HARTIP 2000 main unit	1
Impact device type DU	1
Small support ring	1
Test block D	1
AA Battery	2
Cleaning brush	1
Operation manual	1
Carrying case	1

Optional accessories

Mirco-printer
Impact device DU
Test block D
Standard support ring for probe DU
Small support ring for probe DU
A set of special support rings (total 12)
Interface cable (to printer)