

PORTABLE HARDNESS TESTER HARTIP 1800B

HARTIP1800B is an advanced state-of-the-art palm sized metal hardness tester with many new features. Which is light weight, easy operation, integrated design, high contrast display, low operating temperature, auto compensating for impact direction and etc. HARTIP 1800B can be widely used for measuring hardness of almost all ferrous and non-ferrous metal materials for scale of Leeb hardness, Rockwell C & B, Brinell, Vickers, Shore and Strength.

HARTIP 1800B has a memory capacity of 400 data which can be saved and rereadable. The 3.7V Li-ion rechargeable battery inside HARTIP 1800B can be charged via USB from PC or via individual battery charger from mains wall power. ●



Portable Hardness Tester

Standard package

HARTIP 1800B main unit	1
Impact device D(internal)	1
Cleaning brush	1
USB cable	1
Charger	1
Operation manual	1
Small carrying case	1

Optional accessories

Micro Printer	
Special support rings	
Standard support ring for probe D	
Small support ring for probe D	
Impact body D	
Carbide ball tip D	
Test block D with certificate	

KEY FEATURES

- + High accuracy $\pm 0.5\%$
- + Integrated design – combine probe and processor into one unit
- + Wide operating environment – $-40\sim+60^{\circ}\text{C}$
- + Auto turn on & off
- + High contrast LED display – clearing at either bright even under sunshine or dark area
- + Recalibration allowed by user

Specifications

Model	SADT HARTIP 1800B
Principle	Leeb hardness measurement
Accuracy	$\pm 0.5\%$ @ HL=800 / $\pm 4\text{HL}$
Display	Digital LCD with high resolution
Hardness scale	HL/HRC/HRB/HB/HV/HS/ob
Measuring range	HL170-960/ HRC19-70/ HRB13-109/ HB20-655/ HV80-940/ HS32-99.5
Impact device	D (internal)
Materials	10 common metal materials
Memory	400 data can be saved and re-readable
Statistics function	Average / Max. / Min. / value
Recalibration	Allowed by user
Indicator	Low battery
USB interface	for charging or printing
Power on/off	Auto
Power supply	3.7V Li-ion rechargeable battery
Working environment	$-40\sim+60^{\circ}\text{C}$
Dimension (mm)	148x44x22
Net weight (g)	110
Standards	Conforming to ASTM A956, GB/T 17394-1998



PORTABLE HARDNESS TESTER HARTIP 1800

HARTIP1800 is an advanced state-of-the-art palm sized metal hardness tester with many new features. Which is light weight, easy operation, integrated design, high contrast display, low operating temperature, auto compensating for impact direction and etc. HARTIP 1800 can be widely used for measuring hardness of almost all ferrous and non-ferrous metal materials for scale of Leeb hardness, Rockwell C & B, Brinell, Vickers, Shore and Strength.

HARTIP 1800 has a memory capacity of 360000 data which can be download to computer via USB. The 3.7V Li-ion rechargeable battery inside HARTIP 1800 can be charged via USB from PC or via individual battery charger from mains wall power. ●



KEY FEATURES

- + High accuracy $\pm 0.5\%$
- + Integrated design – combine probe and processor into one unit
- + Wide operating environment – $-40\sim+60^{\circ}\text{C}$
- + Auto turn on & off
- + High contrast LED display – clearing at either bright even under sunshine or dark area
- + Friendly display style – Normal or flip
- + Recalibration allowed by user

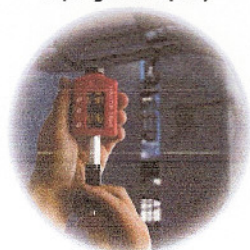
Normal display



Flip display



Upright display



Specifications

Model	SADT HARTIP 1800
Principle	Leeb hardness measurement
Accuracy	$\pm 0.5\%$ @ HL=800 / $\pm 4\text{HL}$
Display	Digital LCD with high resolution
Hardness scale	HL/HRC/HRB/HB/HV/HS/ob
Measuring range	HL170-960/ HRC19-70/ HRB13-109/ HB20-655/ HV80-940/ HS32-99.5
Impact device	D (Internal)
Materials	10 common metal materials
Memory	360000 data in 400 blocks, can be saved and re-readable
Statistics function	Average / Max. / Min. / value
Recalibration	Allowed by user
Indicator	Low battery
Communication	USB/RS232 to PC for transferring data or charging
Print	USB/RS232 to micro printer
Power on/off	Auto
Power supply	3.7V Li-ion rechargeable battery
Working environment	$-40\sim+60^{\circ}\text{C}$
Dimension (mm)	148x44x22
Net weight (g)	110
Standards	Conforming to ASTM A956, GB/T 17394-1998

Portable Hardness Tester

Standard package

HARTIP 1800 main unit	1
Impact device D(internal)	1
Small support ring	1
Test block D with certificate	1
Cleaning brush	1
USB cable	1
Data managing software	1
Operation manual	1
Carrying case	1

Optional accessories

- Micro printer
- Special support rings
- Standard support ring for probe D
- Small support ring for probe D
- Impact body D
- Carbide ball tip D
- Test block D with certificate

