

# PORTABLE HARDNESS TESTER HARTIP 1500/1000

## Standard package

### HARTIP 1500

HARTIP 1500 main unit	1
Built in impact device D	1
Test block D w/o certificate	1
Rechargeable battery	1
Battery charger	1
Cleaning brush	1
Operation manual	1
Calibration Certificate	1
Carrying case	1

### Optional accessories

Special support rings
Standard big support ring for probe D
Standard small support ring for probe D
Impact body D
Test block D with certificate
Test block D without certificate
Leather pouch

## Standard package

### HARTIP 1000

HARTIP 1000 main unit	1
Built in impact device D	1
Leather pouch	1
Operation manual	1
Calibration Certificate	1

**H**ARTIP 1500/1000 is an integrated handheld metal hardness tester that combines impact device (probe) and processor into one unit. The size is much shorter than normal impact device, which lets HARTIP 1500/1000 can meet not only normal measurements, but can take measurements at narrowed space as well. HARTIP 1500/1000 is suitable for testing hardness of almost all Ferrous and Nonferrous materials. With our new technology, its accuracy is improved to a higher level than normal type. HARTIP 1500/1000 is one of the most economic hardness testers. ●



## KEY FEATURES

- ✦ Rugged and modular design
- ✦ High accuracy
- ✦ Palm size for narrow space
- ✦ Built-in impact device
- ✦ For all metallic materials
- ✦ Wide measuring range: Rockwell B&C, Brinell, Vickers, Shore and HL
- ✦ Test in any directions
- ✦ Comply to standard ASTM A956



## Specifications

Model	SADT HARTIP 1500	SADT HARTIP 1000
Principle	Leeb hardness measurement	
Accuracy	$\pm 0.4\%$ @ HL=800 / $\pm 3\text{HL}$	$\pm \text{HRC}0.5$
Display	LCD with backlight	
Hardness scale	HL/HRC/HRB/HB/HV/HS	HL/HRC
Measuring range	HL170-960/ HRC19-70/ HRB13-109/ HB20-655/ HV80-940/ HS32-99.5	HL170-960/ HRC20-68
Impact device	D (Internal)	
Materials	9 common metal materials	Steel/Cast steel
Memory	99 data	-
Statistics function	Average / Max. / Min.	-
Re-calibration	Allowed by user	-
Indicator	Low battery	
Auto power off	Auto	
Power supply	Ni-MH 9V rechargeable battery	9V alkaline battery x 1
Working environment	$-10 \sim +45^{\circ}\text{C}$	
Dimension (mm)	100x60x33	
Net weight (g)	150	
Standards	Conforming to ASTM A956, GB/T 17394-1998	