Standard package

HARTIP 1500

HARTIP 1500 main unit	1
Built in impact device D	1
Test block D	1
Rechargeable battery	1
Battery charger	1
Cleaning brush	1
Operation manual	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

Standard block D
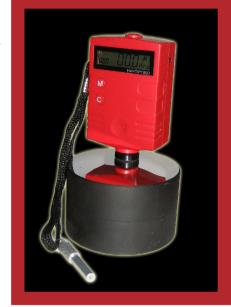
Leather case

Standard package

HARTIP 1000

HARTIP 1000 main unit	1
Built in impact device D	1
AA Battery	1
Leather case	1
Operation manual	1

HARTIP 1500/1000

HARTIP 1500/1000 is an integrated hand-held 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 Non-Ferrous materials. It can be used for industrial of power plant, petrochemical field, vehicle machine, air space, machine and so on. ●

KEY FEATURES

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

Specifications

Model	HARTIP 3000	HARTIP 1500	HARTIP 1000
Principle	Leeb hardness measurement		
Accuracy	±0.5% @ HL=800	±0.6% @ HL=800 (±HRC0.2)	
Display	Large graphic LCD with EL backlight	LCD with backlight	
Hardness scale	HL/HRC/HRB/HB/HV/HS		HL/HRC
Measuring range	HL200-960/ HRC19-70/ HRB13-109/ HB20-655/ HV80-1027/ HS31.9-102.8	HL200-960/ HRC19-68/ HRB13-101.7/ HB20-655/ HV80-940/ HS32-99.5	HL510-890/ HRC20-68
Impact device	D (standard) DC/D+15/C/G/E/DL (optional)	D (Internal)	
Materials	9 common metal materials		Steel
Memory	960 data in 8 blocks	99 data	-
Statistics function	Average / Max. / Min. / value		-
Recalibration	-	Allowed by user	-
Indicator	Low battery		
Communication	RS232 to PC / Micro-printer	-	
Auto power off	-	Auto	
Power supply	1.5v AA battery x 4	Ni-MH 9v rechargeable battery	9v alkaline battery x 1
Working environment	-10~+45ºC		
Dimension (mm)	195x84x38	100x60x33	
Net weight (g)	550	150	