

آفای بازرس Portable Hardness Tester HARTIP 1500/1000

Portable Hardness Tester

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 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 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	$\pm 0.5\% @ HL=800$		
Display	Large graphic LCD with EL 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		
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~+45°C		
Dimension (mm)	195x84x38	100x60x33	
Net weight (g)	550	150	

