

PORTABLE HARDNESS TESTER HTP 1600

HTP 1600 is an advanced state-of-the-art integrated palm sized metal hardness tester which incorporate impact device and controller into one unit. Using our patent technology, SADT HTP 1600 gives out extraordinary high accuracy up to ± 2 HL. HTP 1600 will be used easily by menu operation even without operation manual, also it has a customer re-calibration and statistics function. ●



ADVANTAGES

- ✦ Integrated design , easy operation
- ✦ Digital with high contrast LCD display
- ✦ High accuracy with patient technology: ± 2 HL (or 0.3% @HL800)
- ✦ Memories with 999 data, data can be recalled easily
- ✦ USB interface, it can connect to computer
- ✦ Customer re-calibration allowed
- ✦ Statistics value can be calculated automatically
- ✦ With strength conversion value

Specifications

Model	SADT HTP 1600
Principle	Leeb hardness measurement
Accuracy / Repeatability	$\pm 0.3\%$ @ HL=800 / ± 2 HL
Display	LCD with back light
Hardness scale	HL / HRC / HRB / HB / HV / HS / HRA / σ_b
Measuring range	HL170-960 / HRC1-74 / HRB1.2-140 / HB18-1027 / HV42-1220 / HS3.9-112 / HRA7-88.5 / σ_b (rm) 89-3300N/mm ²
Impact device	D
Materials	12 common metal materials Steel/Cast steel, Alloy tool steel, Stainless steel, Grey cast iron GG, Nodular cast iron, Cast aluminium, Copper-Zinc brass, Copper aluminium, Wrought copper, Forged steel, Mill roller, Chinese steel
Memory	999 data can be saved and re-readable
Statistics function	Average / Max. / Min.
Re-calibration	Allowed by user
Indicator	Low battery
Interface	USB for transferring data with PC
Power supply	AAA battery x 1 (1.2 - 1.5V)
Working environment	-20°C~+45°C
Dimension (mm)	148x45x21
Net weight (g)	105
Standards	Conforming to ASTM A956, DIN 50156, GB/T 17394-1998

Portable Hardness Tester

Standard package

HTP 1600

HTP 1600 main unit	1
Internal probe D	1
Test block D	1
Cleaning brush	1
AAA Battery	1
USB cable	1
Data managing software	1
Operation manual	1
Test Certificate	1
Carrying case	1

Optional accessories

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