

Product name: **SINO Portable Hardness Tester Hartip1900**

HARTIP 1900 hardness tester is a portable integrated Leeb hardness tester that is specially designed to measure hardness of castings in HL (Leeb), HRB (Rockwell B), HB(Brinell).

It has more impact energy (90N) and large contact tip (dia.5mm) than normal. Therefore it can make test on machined surface or even roughness surface instead of polished or finished surface.

It is widely used for measuring hardness of large castings or raw materials at spot.

The HARTIP 1900 can make test at any angle without making setup for different impact direction. All readings can be downloaded to computer or printed out to microprinter wirelessly by Bluetooth.



#### KEY FEATURES

- • • Rugged and Integrated design in aluminium housing
- • • Universal impact direction
- • • Dual hardness scales on display
- • • Four viewing orientation
- • • Shifting between large view & batch view
- • • Statistics value display automatically
- • • Upper or lower limit reminder
- • • High contrast OLED display
- • • Bluetooth interface for wireless transmission
- • • LI-ion rechargeable battery
- • • Abundant memory

# Specifications

Model	SADT HARTIP 1900
Principle	Leeb hardness measurement
Accuracy	±4HLG
Display	High contrast OLED
Hardness scale	HL/HRB/HB
Measuring range	HLG300-750 / HRB47-100 / HB90-650
Impact device	G
Materials	Steel/Cast Steel, Lamellar Iron, Nodular Iron, Cast Aluminum
Memory	360000 data in 400 blocks, can be saved and re-readable
Statistics function	Average / Max. / Min. / S. value
Re-calibration	Allowed by user
Indicator	Low battery
Interface	USB or Bluetooth
Power on/off	Auto
Power supply	Rechargeable Li-ion battery charged by USB port or charger
Working environment	-40°C~+70°C
Dimension (mm)	
Net weight (g)	
Standards	Conforming to ASTM A956, DIN 50156, GB/T 17394-1998