

PORTABLE HARDNESS TESTER HARTIP1800B / D&DL

Standard package

HARTIP 1800B/1800B DL

HARTIP 1800B main unit	1
Impact device D(1800B)	1
2-in-1 impact device D/ DL(1800B D&DL)	1
Test block D	1
Cleaning brush	1
3.7 V Li-ion rechargeable bat- tery (internal)	1
USB cable	1
Operation manual	1
Test certificate	1
Carrying case	1

Optional accessories

- Bluetooth micro printer (pow-
ered by rechargeable battery)
- RS232 microprinter(powered by
rechargeable battery)
- 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
- Test block D w/o certificate
- Charger
- European adapter plug



Standard package -
HARTIP1800B

HARTIP1800B is a basic model for HAR-TIP1800. With most of core functions of HAR-TIP1800 and lower price, HARTIP1800B is a good choice for the customer who has the limited budget. HARTIP1800B also can be equipped with our unique D/DL two-in-one impact device. ●



KEY FEATURES

- ✦ Integrated design , easy operation
- ✦ High accuracy – $\pm 0.3\%$ @ HL=800 / Repeatability: $\pm 2HL$
- ✦ Wide operating environ-
ment – $-40\sim+70^{\circ}C$
- ✦ Digital with high contrast OLED display
- ✦ 4000 data memory in 4 blocks, data can be recalled easily
- ✦ RS232 and blue tooth interface, it can connect micro-
printer directly by cable or wireless (Bluetooth is an option)
- ✦ 3.7 V Li-ion rechargeable battery , it can be charged by USB or power source
- ✦ With strength conversion value
- ✦ Re-calibration allowed by user
- ✦ Power on/off automatically

Specifications

Model	SADT HARTIP 1800 /1800 D&DL	SADT HARTIP 1800B /1800B D&DL
Principle	Leeb hardness measurement	
Accuracy / Repeatability	$\pm 0.3\%$ @ HL=800 / $\pm 2HL$	
Display	High contrast OLED	
Hardness scale	HL/HRC/HRB/HB/HV/HS/HRA/ob	
Measuring range	HL170-960 / HRC17-70 / HRB13-109 / HB20-655 / HV80-940 / HS32-99.5 / HRA30-88 / ob(rm)255-2639N/mm ²	
Impact device	D/ D-DL 2-in-1 (internal)*	
Materials	10 common metal materials	
Memory	360000 data in 400 blocks, can be saved and re-readable	4000 data in 4 blocks can be saved and re-readable
Statistics function	Average / Max. / Min. / S. value	Average / Max. / Min.
Re-calibration	Allowed by user	
Indicator	Low battery	
Interface	USB/RS232/Bluetooth to PC for transferring data or printing, USB for charging	USB for charging or printing, Bluetooth(Optional) for printing
Bluetooth microprinter	Included	-
Power on/off	Auto	
Power supply	3.7V Li-ion rechargeable battery	
Working environment	$-40^{\circ}C\sim+70^{\circ}C$	
Dimension (mm)	148x44x22	
Net weight (g)	110	
Standards	Conforming to ASTM A956, DIN 50156, GB/T 17394-1998	

*: D-DL 2-in-1 probe is only available for DL models.