

# PORTABLE HARDNESS TESTER HARTIP2500 + RP READING PROBE

## Standard package

### HARTIP 2500 RP

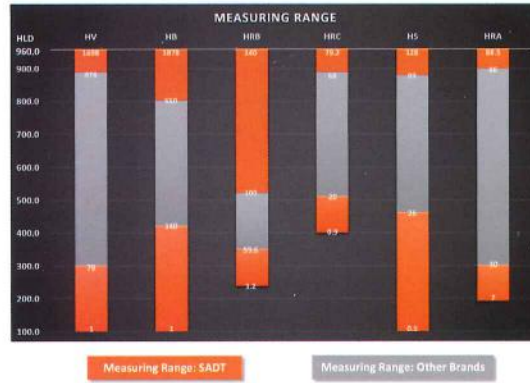
HARTIP 2500 main unit	1
Reading probe D	1
Test block D	1
Small support ring	1
Cleaning brush	1
Probe cable	1
USB cable (Android)	1
Operation manual	1
Test Certificate	1
Carrying case	1

## Optional accessories

Digital probe C/DC/D+15/DL/E
Reading probe D
Wireless probe D C/DC/D+15/DL/E
Special support rings
Standard support ring for probe D
Small support ring
Impact body D
Carbide ball tip D
Test block D with certificate
Test block D w/o certificate

**R**P reading probe is an impact device for Leeb hardness tester, which not only can work with SADT series hardness tester as external probe with cable, but also can work independently as a single tester. There is a Li-ion battery inside the probe, which can be charged via USB supplier. All parameters of the tester can be set from main tester. The main setup of material and scale from factory default is steel and HRC, which can meet much of routine job for hardness testing. HARTIP 2500 + reading probe become a cost effective option - One payment for Two. ●

**New**



✦ Extended measuring range for all scales

✦ With the magnet base fixed on the back of tester, HARTIP 2500 can be attracted against to the work-piece, which makes the measurement very convenient and flexible.

## Specifications



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تأمین تجهیزات و مواد مصرفی تست های غیر مخرب ایران  
۰۲۱-۲۱۰۵۳۸۸۸ | ۰۹۱۲۰۲۲۶۲۶



Model	SADT HARTIP 2500
Principle	Leeb hardness measurement
Accuracy / Repeatability	±0.3% @ HL=800 / ±2HL
Display	High contrast color TFT 240 x 320
Hardness scale	HL/HRC/HRB/HB/HV/HS/HRA/ob
Measuring range	HL100-960 / HRC0.9-79.2 / HRB1.2-140 / HB1-1878 / HV1-1698 / HS0.5-128 / HRA7-88.5 / ob(rm)24-6599N/mm <sup>2</sup>
Probe	Digital probe D/ C/DC/D+15/DL/E Wireless probe D C/DC/D+15/DL/E (optional), Reading probe D (optional)
Materials and conversion curves	11 common metal materials, 75 curves
Memory	999 data
Statistics function	Average / Max. / Min. / S. value
Re-calibration	Allowed by user
Indicator	Low battery
Language	English, Simplified Chinese, Traditional Chinese, Russian, Korean, French, Italian, German, Turkish, Spanish
Interface	USB / Bluetooth (optional)
Power on/off	Auto / Manual
Power supply	AA alkaline battery / USB power supply
Working environment	-20°C ~ +70°C
Dimension (mm)	145x70x30
Net weight (g)	145
Standards	Conforming to ASTM A956, DIN 50156, GB/T 17394-1998

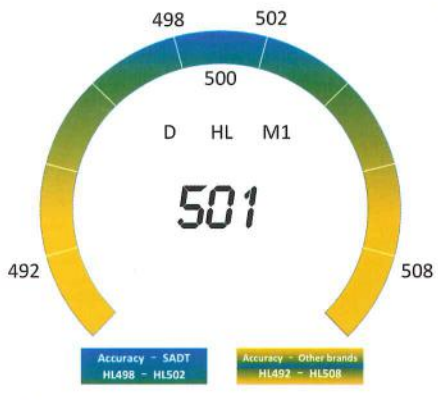
# PORTABLE HARDNESS TESTER HARTIP 2500

**H**ARTIP 2500 is an innovation of traditional Leeb hardness tester, which based on our patent technology - dual-coil sensor inside probe. All probes worked with HARTIP 2500 are modularized digital probe, which gives more accurate hardness value. Besides, HARTIP 2500 can also work with our wireless probe and new RP reading probe as optional. ●

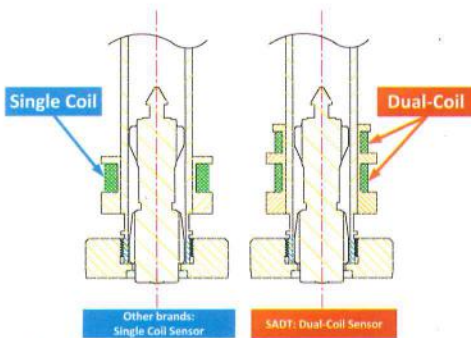


## ADVANTAGES

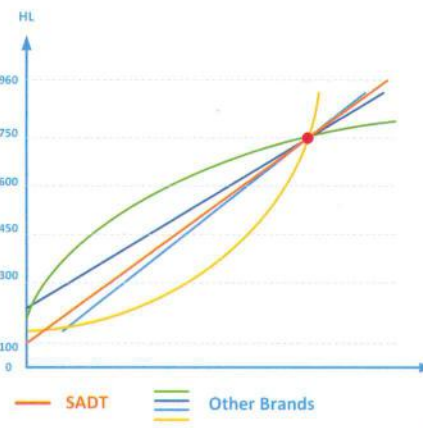
- ✦ Patent dual-coil technology
- ✦ Equipped with digital probes only
- ✦ Cost-effective with reading probe (optional)
- ✦ High repeatability accuracy:  $\pm 2$  HL (or 0.3% @HL800)
- ✦ High linear accuracy for any angles
- ✦ TFT color display
- ✦ Auto compensate error for different impact direction
- ✦ Powered by AA battery or USB power supply
- ✦ The tester can be attracted to the workpiece with magnetic base (optional)
- ✦ Statistics value can be calculated automatically
- ✦ Up to 10 kinds of menu language
- ✦ Data managing software on PC
- ✦ Power on/off automatically or manually



- ✦ High repeatability accuracy:  $\pm 2$  HL (or 0.3% @HL800)



## Key Technologies



- ✦ High linear accuracy for any angles

- ✦ Based on our patent technology - dual-coil sensor inside probe, all probes used dual-coil sensor can get more accurate and more stable reading than analogue probe.

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Non-Destructive Test (NDT) Equipment

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