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## Hardness Testing Machines

### Portable Leeb Hardness Tester

### SH-660

Model	SH-660
Code#	852-166
Accuracy	$\pm 4\text{HL}/\text{HRC}0.2$ (0.3% @ HL=800)
Standard	Conforming to ASTM A956, DIN 50156, GB/T 17394-1998
Certificate	CE



### Introduction

SH-660 is an innovation of Leeb hardness tester, which based on the new technology - dual-coil sensor inside probe. All probes worked with SH-660 are modularized digital probe, which gives more accurate hardness value. Besides, SH-660 can also work with our wireless probe and new RP reading probe as optional.

### Product Feature

- Patent dual- coil technology
- All probe used with SH-660 are digital type
- Cost- effective with reading probe (optional)
- High repeatability accuracy:  $\pm 4\text{HL}$  (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 work piece 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



## Hardness Testing Machines

### Specification

Product Name	Portable Leeb Hardness Tester
Model	SH-660
Code#	852-166
Principle	Leeb hardness measurement
Accuracy / Repeatability	±4HL/HRC0.2 (0.3% @ HL=800)
Display	High contrast color TFT 240 x 320
Hardness scale	HL/HRC/HRB/HB/HV/HS/HRA/σ <sub>b</sub>
Measuring range	HL170~960/ HRC1.3~74.7/ HRB1.2~139.7/ HB28~1027/ HV45~1221/ HS4.0~112.1/ HRA1.3~88.5/ MPa118~3315N/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
Interface	USB / Bluetooth (optional)
Statistics function	Average / Max. / Min. / S. value
Re-calibration	Allowed by user
Indicator	Low battery
Language	English, Chinese, Russian, Korean, French, Italian, German, Turkish, Spanish
Power on/off	Auto / Manual
Power supply	AA alkaline battery / USB power supply
Working environment	-20oC~+70oC
Dimension (mm)	145x70x30
Net weight (g)	145g
Standards	Conforming to ASTM A956, DIN 50156, GB/T 17394-1998