

Pocket E-Type Leeb Hardness Tester

Hoyamo

MH-500E



Introduction:

MH-500E is an advanced state-of-the-art palm sized metal hardness tester with many new features. It still used our dual-coil technology which makes MH-500E to have extraordinary accuracy: ± 2 HL (or 0.3% @HL800) with high contrast colour TFT display and durable metal housing. Equipped with impact device E (diamond ball tip), MH-500E is especially suitable for the hardness material after heat treatment or the situation requiring a large number of tests. It has a moving bar-graph display which can evaluate the workpiece upon deviation value by different colour for easy visual distinguish. MH-500E can download measuring data to PC and printout to micro-printer by USB port and wirelessly with internal wireless module. The battery can be charged simply from USB port, also it has a customer re-calibration and statistics function.

Features:

- Integrated design, easy operation
- Durable metal housing
- TFT320X320 colour display
- Diamond ball tip
- Wide operating environment: -20oC-70oC
- High accuracy: +/-4 HL (or 0.3% @HL800)
- Auto compensate error for different impact direction
- Moving bar-graph display
- Two evaluation modes: By Limit / Deviation
- Two calibration modes: Coincident / Independent
- Multi-printing mode
- Four display styles
- Sound reminder
- Up to 10 kinds of menu language
- Date and time function
- It can connect to computer by USB or Bluetooth
- USB and Bluetooth inter face, it can connect micro-printer wirelessly
- 3.7 V Li-ion rechargeable battery, it can be charged by USB or power source
- Statistics value can be calculated automatically
- With strength conversion value
- Power on/off automatically or manually

Specification:

Product Name	Pocket E-Type Leeb Hardness Tester
Model	MH-500E
Code#	852-156E
Principle	Leeb hardness measurement
Accuracy / Repeatability	±0.3% @ HL=800 / ±4HL
Display	High contrast color TFT 320 x 320
Hardness Scale	HLD/HRC/HRB/HB/HV/HSD/HRA/σb
Measuring Range	HL100~960 / HRC0.6~78 / HRB3~140 / HB24~1140 / HV24~1360 HS3~120 / HRA1~88 /σb (rm)24~3800N/mm ²
Probe	E (diamond ball tip)
Memory	30 files, 100 data for each file, can be saved and re-readable
Statistics Function	Average / Max. / Min. / S. value
Re-calibration	Coincident / Independent
Indicator	Low battery
Language	English, Chinese
Interface	USB/Blue tooth to PC for transferring data, wireless printing, USB for charging
Power on/off	Auto / Manual
Power Supply	3.7V Li-ion rechargeable battery
Working Environment	-20~+70°C
Dimension (mm)	156x44x22(mm)
Net weight (g)	115g
Standards	Conforming to ASTM A956, DIN 50156, GB/T 17394-1998

Standard Delivery:

- Main unit 1
- Internal probe E 1

- Test block D 1
- Small support ring 1
- Cleaning brush 1
- 3.7 V Li-ion rechargeable battery (internal) 1
- Bluetooth module (internal) 1
- Charger 1
- USB cable 1
- Data managing software 1
- Operation manual 1
- Test Certificate 1
- Carrying case 1

Optional Accessory:

- Bluetooth micro printer (powered by rechargeable battery)
- Special support rings
- Standard support ring for probe D
- Small support ring
- Impact body E
- Test block D with certificate
- Test block D w/o certificate
- European adapter plug