

Pocket G-Type Leeb Hardness Tester



Introduction:

MH-500G 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-500G to have extraordinary accuracy: ± 2 HL (or 0.3% @HL800) with high contrast colour TFT display and durable metal housing. Equipped with impact device G. It has a moving bar-graph display which can evaluate the workpiece upon deviation value by different colour for easy visual distinguish. MH-500G 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:

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|--------------------------|---|
| Product Name | Pocket G-Type Leeb Hardness Tester |
| Model | MH-500G |
| Code# | 852-156G |
| 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/ σ_b |
| Measuring Range | HL100~960 / HRC0.6~78 / HRB3~140 / HB24~1140 / HV24~1360/ HS3~120 / HRA1~88 / σ_b (rm)24~3800N/mm ² |
| Probe | G |
| 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) | 253x47x34(mm) |
| Net weight (g) | 275g |
| 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