

PORTABLE HARDNESS TESTER

MTH-1000L

Portable hardness tester
(Leeb hardness test)
meet customer needs for
field test, process control
and quality control.

ISO 16859
ASTM A956
DIN50156
JIS B7727
(Referential)
standard product



Features

- Correlation with Shore hardness is very high.
- Conversion to every hardness scale is possible. (HS, HRC, HV, HB)
- Speedy measure without personal error.
- Memory function is equipped, can transfer data by Bluetooth or USB.
- Usable by AA battery 2 pcs.
- Select from various language and can use worldwide.

Application

- Field Test (Heat Treatment, Production Control etc)
- Material Test (Steel, Aluminum, Copper etc)

■ Impact unit

Impact unit	Features	Impact energy and test tip diameter
D	Suitable for various product test.	11Nm, ϕ 3mm
DL	Suitable for gear bottom, key way, corner part.	11Nm, ϕ 2.8mm
G	Suitable for heavy and big product of Brinell hardness test.	90Nm, ϕ 5mm

■ Specification of MTH-1000L

Measure range	100HL - 999HL
Measure accuracy	\pm 6HL
Impact direction	Auto realization after setting
Corresponding value	Type D : HS30 - 100, HRC20 - 70, HV80 - 1000, HB80 - 650 Type DL : HS30 - 100, HRC20 - 70, HV90 - 900, HB100 - 650 Type G : HB90 - 640 * It is the converted value for steel materials
Communication	USB Port (PC) , Bluetooth (Printer)
Dimension / Weight	Dimension : 133 x 75 x 29 mm / Weight : Approx. 180 g (Include battery)
Operating environment	Relative humidity : under 95% (with no condensation) Usage temperature : 0 °C - 40 °C Storage temperature : 0 °C - 50 °C
Sleep function	1 minute, 2 minutes, 5 minutes or OFF
Resolution	320 x 240 (TFT color display)
Internal memory	10,000 data
Power	AA Battert 2 pcs (Continuous time : 8 hours usable)
Language selection	Japanese, English, Chinese, Korean, Spanish, French, Italian, Portuguese, Czech, German

■ Component (Standard accessory)

·Display unit	·Impact unit type D with cable	· ϕ 13.5mm support ring
·HL test block	·USB cable	·Cleaning brush for impact unit
·Carrying case	·Strap	·Operation manual
·Test report	* Option :Calibration certificate	

All specifications and designing are subject to change without notice

Integrated supplier of Non-Destructive Testing and Marking



MARKTEC

MARKTEC Corporation
www.marktec.co.jp

[HEAD OFFICE] 17-35, Omori Nishi 4-chome, Ota-ku, Tokyo, 143-0015, Japan

TEL.+81-3-3762-4451

Overseas Sales Dept. TEL.+81-3-3762-4453