

## MMH-101 Hardness Tester



### Overview:

MMH-101 is a portable metal hardness tester that uses leeb rebound principle in order to ignore the unwanted effects on samples and also improving the accuracy. built-in thermal printer can print series of results immediately.

Affordable Marmonix MMH-101 can easily measure leeb, brinell, Vickers and Rockwell parameters. This device can widely use in all fields of metal industries such as :

The bearings and other parts, heavy work-pieces, metal material, pressure vessel, failure analysis of turbine generator unit and equipment, mechanical or permanent assembly components have been installed, the test space is very narrow, requires the original record regular test results, large work-piece within a wide range of more rapid test measurement site.

The device can measure hardness of the following materials:

Steel and cast steel, alloy tool steel, stainless steel, gray cast iron, nodular cast iron, cast aluminum alloy, copper zinc alloys (brass), an alloy of copper and tin, copper (bronze), forged steel.

### Features:

- English menu, convenient and easy for operation.
- Hardness standards HL,HRB,HRC,HB,HV,HS can be used, free conversion between different standards
- Can calibrate HL,HRC,HB.
- On the basis of MARMONIX hardness measurement principle, can be used to detect a variety of metal materials for accurate and stable measurement value.
- Automatically identify the 8 types of impact devices, replacing without re-calibration.
- Small, portable, and accurate. Suitable for harsh operating environment, anti vibration, shock and electromagnetic interference.
- Large screen LCD display with brightness LED back-light, convenient operation in the dark
- Built-in thermal printer can print the measurement data immediately
- Low power consumption: Auto sleep, automatic shutdown function of saving energy
- Fully enclosed metal shell, strong anti-interference ability
- Ordinary alkaline battery, standby time 150 hours, suitable for field operation



#### Package includes:

- Main Unit
- Impact Device type D
- Operation manual
- Power adapter
- Small supporting ring
- Cleaning brush
- High block and Certificate

Parameter	Values
Model	MMH-101
Measuring Range	(170-960)HLD,(17.9-69.5)HRC,(19-683)HB,(17.9-69.5)HRC(80-1042)HV,(30.6-102.6)HS,(13.5-101.7)HRB
Hardness parameter	Leeb(HL),Brinell(HB),Vickers(HV),Rockwell(HRB and HRC),Shore(HS)
Accuracy	Within±0.5%(HLD=760)
Display	LCD with back-light
Memory	1250 groups
PC Connection	Available
Printer	Build-in High-speed Thermal Printer
Battery	6V rechargeable lithium-battery,USB
Operating Temperature	-20°C~+60°C
Dimensions	230×86×46mm
Shell	Plastic
Impact Device Type	D,DC,DL,D+15,G,C,E
Weight	400g
Optional Accessories	Impact DC,D+15,DL,G,C,E, Shaped support ring, Paper for printer