

MIDLAND METROLOGY LTD

MH310 Portable Hardness Tester

Description:

The MH320 portable hardness tester is based on the Leeb measuring principle. It offers quick and easy on-site testing, and with a wide measuring range, easily converts between Leeb, Brinell, Rockwell and other scales. It is particularly suitable for large parts and non removeable parts. The unit offers hardness values in the following scales: HB, HRB, HL, HRC, HRA, HS & HV.



Working Conditions:

Operating temperature: - 10°C - + 50°C

Storage Temperature: - 30°C - + 60°C

Relative Humidity: ≤ 90%

The surrounding area should be free of vibration, strong magnetic field, corrosive mediums & excessive dust.

Optional Accessories:

Other types of impact devices and support rings are available.
PC Pro Software



Main Application:

Die cavity of molds.

Bearings & other parts.

Heavy workpieces.

Installed machinery and permanently assembled parts.

Testing surface of a small hollow space.

Rapid testing in large range and multi-measuring areas for large scale workpieces.

Standard Equipment:

Main Unit complete with Impact device D.

Standard Test Block.

Power adapter

Cleaning Brush

Small Support Ring

Instruction Manual

Sturdy carrying case

Technical Specifications:

- Measuring Range: HLD (170-960)
- Measuring Direction: 0-360. Instrument supports testing in all directions, vertical upwards & downwards, horizontal etc
- Hardness Scale: HB, HRB, HL, HRC, HRA, HV, & HS.
- Display: Large easy to read dot matrix screen. High contrast segment LCD display with adjustable backlight.
- Data Memory: 500 groups maximum.
- Battery Pack – 6V NI-MH Battery Power Supply – 9V 500m A
- Continuous working period: Approx. 150 hours.
- Communication Interface: USB1.1.
- Dimensions: 212mmx80mmx32mm.