

MH180 Economical Portable Hardness Tester

Description:

The MH180 portable hardness tester is based on the Leeb measuring principle. It has a wide measuring range and offers quick and easy on-site testing. It is suitable for most metal materials.

The unit offers hardness values in the following scales: HB, HRB, HL, HRC, HRA, HV, & HS.



Standard Equipment:

Main Unit complete with Impact device D.
Standard Test Block
USB Cable & 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: Easy to read, high contrast segment LCD display.
- Data Memory: 100 groups maximum.
- Power source – 2AA Alkaline Batteries.
- Continuous working period: Approx. 100 hours.
- Communication Interface: USB1.1.
- Dimensions: 150mmx374mmx32mm.

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.

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.



Optional Accessories:

Other types of impact devices and support rings are available.
Software & cable