

# MIDLAND METROLOGY LTD

## MH100 Pen-Type Portable Hardness Tester

### Description:

The MH100 pocket hardness tester, also known as a pen-type hardness tester is based on the Leeb measuring principle. It has a wide measuring range and can perform tests simply and quickly. 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  
Lithium Polymer Battery  
Data-pro software  
Instruction Manual  
Sturdy carrying case

### 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-

### Optional Accessories:

Other types of impact devices and support rings are available



### Technical Specifications:

- Measuring Range: HLD (170-190)
- Measuring Direction: 0-360
- Hardness Scale: HB, HRB, HL, HRC, HRA, HV, & HS.
- Display: Easy to read, high contrast segment LCD display.
- Data Memory: 100 groups maximum.
- Battery: Built in 3.7v Lithium Polymer Battery – Rechargeable.
- Continuous working period: Approx. 200 hours.
- Impact Direction: Instrument supports all directions, vertical upwards & downwards, horizontal etc.
- Communication Interface: USB1.1.
- Dimensions: 148mmx33mmx28mm.

