

Midland Metrology Ltd – Portable Hardness Tester MH310

FEATURES

- Large LCD screen with backlight, showing all function and parameter.
- Portable design, the size of the instrument is only 20 cm.
- Test at any angle, even upside down.
- Wide measuring range.
- It can measure the hardness of all metallic materials.
- Large memory.
- Low power design with relying on stable integrates circuit, charging for 3 hours it can be used for 2 months.
- Equipped with USB port for connecting to PC.
- Seven impact devices are available for special application.
- Auto power off to save energy.
- Battery information showing the charge status.
- Integrate the original high-speed thermal printer into the instrument with which it supports immediately printing function. Long lasting paper that can save that data permanently.
- Excellent after sale service system for high quality products – two years quality guarantee and all life maintenance.



KEYPAD DEFINITION

	Turn on/off the EL backlight		Data Save or Data Delete		Turn the instrument on/off
	Material Selection		Hardness/Strength switch		Plus or Up
	Hardness Scale Selection		Direction change.		Minus or Down
	Manual Paper Feed		Impact Times set		
	Print data		Cancel or Exit		Data logging or Enter

APPLICATION

- Die cavity of molds.
- Bearings and other parts.
- Failure analysis of pressure vessel, steam generator, and other equipment's.
- Heavy work piece.
- The installed machinery and permanently assembled parts.
- Testing surface of a small hollow space.
- Material identification in the warehouse of metallic materials.
- Rapid testing in large range and multi measuring areas for large scale work piece.

TECHNICAL SPECIFICATION

- Measuring Range: HLD (170 – 960)
- Measuring directions: 0 – 360
- Hardness Scale: HL, HB, HRB, HRC, HRA, HV, HS.
- Display: Segment.
- Data Memory: 100 Groups Max.
- Printing Paper: Width (57.5 +/- 0.5) mm, diameter is 30 mm.
- Battery Pack: 6V NI-MH
- Battery Charger: 9V/500mA.
- Continuous working period: about 150 hours (without backlight, no printing).
- Communication Interface: USB1.1



STANDARD CONFIGURATION

- | | |
|---------------------------|---|
| 1. Main Unit | 1 |
| 2. D Type Impact Device | 1 |
| 3. Standard Test Block | 1 |
| 4. Cleaning Brush | 1 |
| 5. Small Support Ring | 1 |
| 6. Battery Charger | 1 |
| 7. Paper for Printing | 1 |
| 8. Manual | 1 |
| 9. Instrument Case | 1 |
| 10. PC Software and Cable | 1 |

OPTIONAL CONFIGURATION

- Support Rings
- Tool for Impact Ball
- Special Impact Devices
- Other Type Block

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