

Application:

Applicable to Die cavity of moulds, Inspection of bearing and other mass produced parts on a production line, Failure analysis of pressure vessel, steam generator and other equipment, Inspection of installed machinery, permanent parts of assembled systems and heavy work pieces, 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.

- * Palm size for narrow space.
- * Test at any angle, even upside down.
- * Direct display of hardness scales HRB, HRC, HV, HB, HS, HL.
- * Large memory could store 50 groups including single measured value, impact direction, material and hardness scale etc.
- * User recalibration function allowed.
- * Can communicate with PC computer for statistics and printing by the optional cable.
- * Backlight display, suitable for low light environment.
- * Manual or automatic shut down.
- * Low battery indication.



Metrix+ "HARDMASTER"



Metrix+ MI 970

Model	Metrix+ "HARDMASTER"	Metrix+ MI 970
Display	12.5 mm LCD with back light	Large LCD with back light
Materials	9 different common materials	9 different common materials
Measuring range	200 ~ 900 HLD	200 ~ 900 HLD
Accuracy	Display error $\pm 0.8 \%$	Display error $\pm 0.8 \%$
Repeatability	$\pm 0.8 \%$	$\pm 0.8 \%$
Conversion	HL-HRC-HRB-HB-HV-HSD	HL-HRC-HRB-HB-HV-HSD
Memory	50 data can be stored and re-readable	50 data can be stored and re-readable
Impact device	D Will handle Integrated	D Will handle, Weight: 75g
Storage temperature	-30 ~ +60 °C	-30 ~ +60 °C
Working Conditions	Temperature: -10 ~ +50 °C Humidity: $\leq 90 \%$	Temperature: -10 ~ +50 °C Humidity: $\leq 90 \%$
Power supply	2 x 1.5 V AAA size (UM-4) battery	2 x 1.5 V AA size (UM-3) battery
Dimension	146 x 65 x 36 mm	130 x 76 x 31 mm
Weight	130 g (not including batteries)	340 g (not including batteries)
Standard Accessories	<ol style="list-style-type: none"> 1. Main Unit Integrated Probe 2. Standard test block 3. Carrying Case(B09) 4. Operation manual 5. Small Support Ring 6. Cleaning brush 	<ol style="list-style-type: none"> 1. Main Unit, 'D' Type Impact Device 2. Standard test block 3. Carrying Case(B09) 4. Operation manual 5. Small Support Ring 6. Cleaning brush
Optional Accessories	<ol style="list-style-type: none"> 1. Impact Body 2. Support Rings Set 3. USB, RS-232C data cable with software 	<ol style="list-style-type: none"> 1. Impact Body 2. Support Rings Set 3. USB, RS-232C data cable with software