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## Hardness Tester MH210

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Hardness Meter , Metal Hardness Tester , Leeb Hardness tester , Durometer > Hardness

Tester MH210 à¹€à,„à,£à,-à¹^à,-à,†à,§à,±à,”à,„à,§à,²à,jà¹•à,à¹†à,†

### Hardness Tester MH210

#### Introduction:

1. Compact metal case, suitable for use under poor working conditions. Test at any angle, even upside and down.

2. Wide measuring range. It can measure the hardness of all metallic materials. Direct display of hardness scales HRB, HRC, HV, HB, HS, HL

3. Large screen(128\*64 dot matrix LCD), showing all functions and parameters. With EL background light.

4. Software calibration function.

5. Software to connect with PC via RS232 port. Micro printer support.

6. Outline: 132\*76.2mm Weight: 345g

**Technical Specifications:**Error and repeatability of displayed value

No.	Type of impact device	Hardness value of hardness block	Error of displayed value	Repeatability
1	D	760+-30HLD 530+-40HLD	+6 HLD +-10 HLD	6 HLD 10 HLD
2	D	50+-5 HLC 30+-6 HLC	+1 HRC +-2 HRC	1 HRC 2 HRC
3	D	700+-30HB 500+-40HB	+5 HB +-8 HB	5 HB 8 HB

- Measuring range: (170-960)HLD, (17-68.5)HRC, (19-651)HB, (80-976)HV, (30-100)HS, (59-85)HRA, (13-100)HRB
- Measuring direction: 360°
- Hardness Scale: HL, HB, HRB, HRC, HRA, HV, HS
- Display: dot matrix LCD, 128\*64 dots
- Data memory: max. 500 groups (relative to impact times 32-1)
- Working voltage: 3V (2 AA size alkaline battery)
- Continuous working period: about 50 hours (With backlight off)
- Communication interface: RS232

**Main Application:**

- Die cavity of molds
  - Bearings and other parts
  - Failure analysis of pressure vessel, steam generator and other equipment
  - 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
- Testing range:  
Other type of impact devices

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Material	Method	Impact device					
		D/DC	D+15	C	G	E	DL
Steel and cast steel	HRC	20-68.5	19.3-67.9	20.0-69.5		22.4-70.7	20.6-68.2
	HRB	38.4-99.6			47.7-99.9		37.0-99.9
	HRA	59.1-85.8				61.7-88.0	
	HB	127-651	80-638	80-683	90-646	83-663	81-646
	HV	83-976	80-937	80-996		84-1042	80-950
	HS	32.2-99.5	33.3-99.3	31.8-102.1			





