

Menu Operation Five Kinds Languages Portable Leeb Hardness Tester MH310



Applications:

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

Specifications:

1. Measuring range HLD 170~960 HLD
2. Measuring direction 360°
3. Hardness Scale HLHBHRBHRCHRAHVHS
4. Display dot matrix LCD 128×64 dots
5. Data memory 500 groups max relative to impact times 32~1
6. Printing paper: width is 57.5±0.5 mm, diameter is 30mm
7. Battery pack: 6V NI-MH
8. Battery charger: 9V/500mA
9. Continuous working period about 150 hours with backlight off, no printing
10. Communication interface USB1.1
11. Outline dimensions 212mm×80mm×32mm

No.	Type of impact device	Hardness value of Leeb standard hardness block	Error of displayed value	Reapeatability
1	D	760±30HLD 530±40HLD	±6 HLD ±10 HLD	6HLD 10HLD
2	DC	760±30HLD 530±40HLD	±6 HLDC ±10 HLDC	6HLD 10HLD
3	DL	878±30HLD 736±40HLD	±12 HLDL	12HLDL
4	D+15	766±30HLD 544±40HLD	±12 HLD+15	12HLD+15
5	G	590±40HLD 500±40HLD	±12 HLG	12HLG
6	E	725±30HLD 508±40HLD	±12 HLE	12HLE
7	C	822±30HLD 590±40HLD	±12 HLC	12HLC

Competitive Advantage:

- 1.Small volume with light weight, it is convenient for taking. Its outline dimensions are 212mm×80mm×32mm.
- 2.Large screen(128×64 dot matrix LCD), showing all functions and parameters.
- 3.Test at any angle, even upside down.
- 4.Wide measuring range. It can measure the hardness of all metallic materials. Direct display of hardness scales HRB, HRC, HV, HB, HS, HL and three types of strength values immediately.
- 5.Seven impact devices are available for special application. Automatically identify the type of impact devices.
- 6.Large capacity memory could store 500 groups (Relative to average times32¹) information including single measured value, mean value, testing data, impact direction, impact times, material and hardness scale etc.
- 7.Upper and lower limit can be preset. It will alarm automatically when the result value exceeding the limit.
- 8.Battery information indicates the rest capacity of the battery and the charge status.
- 9.User calibration function.
- 9.USB port with the PC humanity multi-functions data proceeding software.
- 10.Original imported high speed thermal printer support the immediate printing function.
- 11.NI-MH rechargeable battery as the power source. With rechargeable battery, charging for three hours, it can use for two months. Charge circuit integrated inside the instrument. Continuous working period of no less than 150 hours (EL off and no printing).Auto power off to save energy.
- 12.Excellent after-sale service system for high quality products---two years' guarantee and all life maintenance. Easy to buy and comfortable to use.

Standard Package:

No.	Item	Quantity	Remarks
1	Main Unit	1	
2	D type impact device	1	With cable
3	Standard test block	1	
4	Cleaning brush (1)	1	
5	Small support ring	1	
6	Battery Charger	1	9V 500mA
7	Paper for printing	1	
8	Manual	1	
9	Instrument case	1	

Differences between Mitech portable Leeb hardness tester

Differences Among Mitech Portable Hardness Testers				
Product Model	MH320	MH310	MH180	MH100
Interface	RS232	USB	RS232	USB
PC software	Standard	Standard	Optional	Standard
Display	Dot matrix LCD	Segment LCD	Segment LCD	Segment LCD
Outline	Plastic Case	Plastic Case	Plastic Case	Plastic Case
Power Supplier	Ni-MH rechargeable battery	Ni-MH rechargeable battery	Two AA size alkaline battery	Rechargeable battery
Mini-printer	Integrated thermal mini-printer into the tester	Integrated thermal mini-printer into the tester	Option thermal mini-printer	Option thermal mini-printer
Storage	500 groups	100 groups	100 groups	100 groups
Impact device	D,C,DC,DL,G,D+15	D,C,DC,DL,G,D+15	D,C,DC,DL,G,D+15	D,C,DL

