Large display Pentype Hardness Tester MH100

Applications:

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

Specifications:

*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 Supprt 0~360º
*Hardness Scales HL,HB, HRB, HRC,HRA,HV, HS
*Display HD dox matrix LCD and LED backlight
*Data Memory Max. 500 groups(relative to impact device 32~1)
*Working Power 3.6V(Integrated Lithium battery and rechargable circuit
*Continous Working Period about 200 hours (without using backlight)
*Communciation Interface USB1.1 port

No.	Type of impact device	Hardness value of Leeb standard hardness block	Error of displayed value	Repeatability
1	D	760±30HLD 530±40HLD	±6 HLD ±10 HLD	6 HLD 10 HLD
2	DL	878±30HLDL 736±40HLDL	±12 HLDL	12 HLDL
3	C	822±30HLC 590±40HLC	±12 HLC	12 HLC

Competitive Advantage:

1. Wide measuring range. Based on the principle of Leeb hardness testing theory. It can measure the
   Leeb hardness of all metallic materials.
2. Large screen LCD, showing all functions and parameters. With EL background light.
3. Seven impact devices are available for special application. Automatically identify the type of impact
   devices.
4. Test at any angle, even upside down.
5. Direct display of hardness scales HRB, HRC, HV, HB, HS, HL
6. Large memory could store 100 groups (Relative to average times 32~1) information including single
   measured value, mean value, impact direction, impact times, material and hardness scale etc.
7. Battery information showing the rest capacity of the battery.
8. User calibration function.
9. Software to connect to PC via RS232 port. Micro printer support.
10. Compact plastic case,suitable for use under poor working conditions
11. Continuous working period of no less than 100 hours with two alkaline batteries(AA size), Auto power off
    to save energy.
11. Outline dimensions 150mm×74mm×32 mm
12. Weight 245g

Standard Package

	No.	Item	Quantity	Remarks
Standard Configuration	1	Main unit with D impact device	1	
	2	Standard test block	1	
	3	Cleaning brush (I)	1	
	4	Small support ring	1	
	5	Manual	1	
	6	DataPro software	1	
	7	Communication cable	1	
	8	Instrument package case	1	
Optional Configuration	9	Cleaning brush (II)	1	For use with G type impact device
	10	Other type of impact devices and support rings		Refer to Table 3 and Table 4 in the appendix.