UT Hardness Tester
D10 (Motorized Probe)



Features

- LCD display 80X45
- D10 motorized ultrasonic hardness tester adopts the design of streamlined ergonomics, which can work with motorized probes D10 can also be upgraded with motorized probes MP-300, MP-500, MP-800, MP-1000
- Can be used to test hardness of small forgings, cast material, weld inspection, heat affected zone, Ion-nitrided stamping dies and molds, forms, presses, thin walled parts, bearings, tooth flanks, etc.
- D10 can test hardness of ferrous metal, non ferrous metal and alloys, it is an ideal instrument, can test hardness of HRA, HRB, HRC, HV, HBW, HS on site, assembly line and lab.
- Meet American standard ASTM A1038-2005, Europe standard DIN50159-1-2008
- High accuracy ±3% HV, ±1.5HR, ±3%HB
- Memory of 1,000 groups measurement data



Standard Delivery

- Main unit
- 10N Motorized Probe
- Standard Rockwell Block
- Charger
- Operation Manual
- Carrying case
- Calibration Certificate

Technical specification

Model	D10 (Motorized Probe)				
Optional probe	Motorized Probe: 3N, 5N, 8N, 10N				
Measuring Range (ASTM)	HBS:100-500; HV:100-1500; HRC:20-68; HRB:55-100; HRA:37-85; Mpa: 255-2180N/mm				
Measuring Accuracy	Scales	< 250HV	250~500HV	500~800Hv	> 800HV
	HV0.1	6	7	8	9
	HV0.3	6	7	8	9
	HV0.8	5	5	6	7
	HV1	5	5	6	7
	HV5	5	5	6	5
	HV10	5	5	5	5
Hardness Scales	Vickers(HV);Rockwell C(HRC); Rockwell A(HRA); Rockwell B(HRB); Brinell (HB)				
Memory	1,000 groups of measuring data and 20 groups of calibration data				
Data Output	RS232 or Bluetooth Printer				
Display	LCD display 80X45				
Power supply	4.2V Li battery				
Operating temperature	-10℃-50℃				
Dimensions	160mm（L）x 80mm（W）x 30mm（H）				
Weight	0.5Kg				

Optional Accessories



Probe type	MP-300	MP-500	MP-800	MP-1000
Loading force	3N	5N	8N	10N
Diameter	46mm			
Length	197.5mm			
Oscillating rod diameter	3.7mm			
Min. weight of worpiece	0.3Kg			
Min. thickness of workpiece	2mm			

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