UT Hardness Tester
D10 (Manual Probe)



Features

- LCD display 80X45
- D10 manual ultrasonic hardness tester applies module design, which can work with manual probes HP-1K, HP-2K, HP-5K and HP-10K
- 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.
- High accuracy ±3% HV, ±1.5HR, ±3%HB.
- Memory of 1,000 groups measurement data



Standard Delivery

- Main unit
- 1kgf Manual Probe
- Standard Rockwell Block
- Charger
- Operation Manual
- Carrying case
- Calibration Certificate

Technical specification

Specification	D10 (Manual Probe)				
Optional probe	Manual Probe: 10N, 20N, 50N, 98N				
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	HP-1K	HP-2K	HP-5K	HP-10K
Loading force	10N	20N	50N	98N
Diameter	22mm			
Length	154mm			
Oscillating rod diameter	2.4mm		3mm	
Min. weight of worpiece	Ra＜3.2μm	Ra＜5μm	Ra＜10μm	Ra＜15μm
Min. thickness of workpiece	2mm			

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