

## PORTABLE LEEB HARDNESS TESTERS (BASIC TYPE)



POPULAR  
MODEL

- Can change probes
- Dual-coil probe for high accuracy
- Universal testing angle, no need to set impact direction
- Based on Leeb (HLD), converted to Vickers (HV), Brinell (HB), Rockwell (HRC, HRB), Shore (HSD) and tensile strength ( $\sigma_b$ )
- Dual value display, shows both Leeb and converted hardness
- Large LCD display with backlight
- Can choose large font display and statistics display
- Automatically calculate maximum, minimum and average value
- Save 300 data
- Upload the memory to PC software via USB cable and send to EXCEL
- Operation temperature:  $-10^{\circ}\text{C}\sim 45^{\circ}\text{C}$
- According to ASTM A956, GB/T 17394

### SPECIFICATION

Code	HDT-LP200	HDT-LP200B
Printer	not included	included
Resolution	1HLD/1HV/1HB/0.1HRC/0.1HRB/ 0.1HSD/1 $\sigma_b$	
Accuracy	$\pm 6\text{HLD}$ (when $\text{HLD}=800$ )	
Measuring range	HL 170-960/HRC 17-70/HRB 13-109/ HB 20-655/HV 80-940/HSD 32-99.5/ $\sigma_b(\text{rm})$ 255-2639N/mm <sup>2</sup>	
Power supply	2×AA batteries	main unit: 2×AA batteries printer: rechargeable lithium battery
Dimension	135×77×32mm	
Weight	240g	



HDT-LP200



hardness test block D (included)



small support ring (included)



bluetooth printer (included in HDT-LP200B)

### STANDARD DELIVERY

Main unit	1 pc
Hardness test block D	1 pc
Small support ring	1 pc
Cleaning brush	1 pc
Impact device D	1 pc
USB cable and software	1 pc
Bluetooth printer (included in HDT-LP200B)	1 pc

### OPTIONAL ACCESSORY

Impact device DC	HDT-LP200-DC
Impact device C	HDT-LP200-C
Impact device D+15	HDT-LP200-D15
Impact device DL	HDT-LP200-DL
Impact device G	HDT-LP200-G
Hardness test block D **	HDT-B-HLD3
Hardness test block G *	HDT-B-HLG2
Support rings	page 862

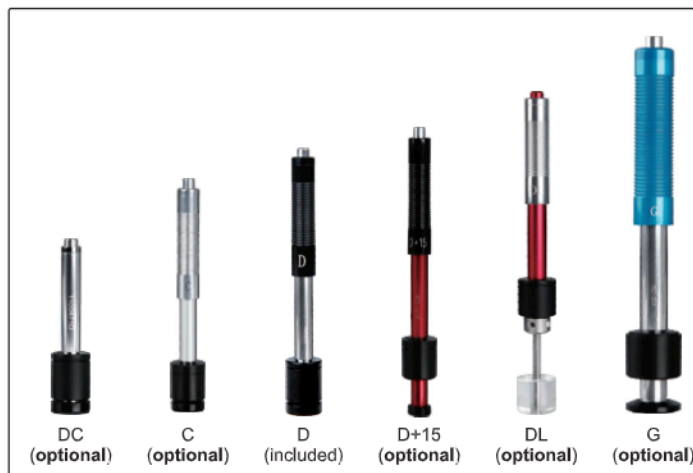
\* Hardness test block G (HDT-B-HLG2) is for impact device G (HDT-LP200-G)

\*\* Hardness test block D (HDT-B-HLD3) is for all other impact devices



large font display

statistics display



DC (optional)

C (optional)

D (included)

D+15 (optional)

DL (optional)

G (optional)

### APPLICABLE WORKPIECE

Impact device		DC	C	D	D+15	DL	G
Application		inner wall of small space	small or thin workpiece, coating layer	general use	deep groove	narrow slot or small hole	casting or forging workpiece
Maximum roughness of workpiece (Ra)		2 $\mu\text{m}$	0.4 $\mu\text{m}$	2 $\mu\text{m}$	2 $\mu\text{m}$	2 $\mu\text{m}$	7 $\mu\text{m}$
Minimum weight of workpiece	direct measurement	5kg	1.5kg	5kg	5kg	5kg	15kg
	on solid support	2kg	0.5kg	2kg	2kg	2kg	5kg
	coupled on plate	0.05kg	0.02kg	0.05kg	0.1kg	0.05kg	0.5kg
Minimum thickness of workpiece		3mm	1mm	3mm	3mm	3mm	10mm