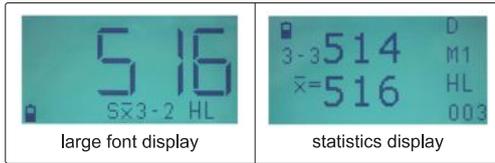


# PORTABLE LEEB HARDNESS TESTERS (BASIC TYPE)



- 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, HRA), 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



HDT-LP200

computer software (included)

upload memory to PC software  
via USB cable or bluetooth

send the stored data to EXCEL

## SPECIFICATION

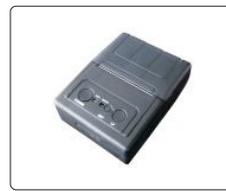
Code	HDT-LP200	HDT-LP200WL	HDT-LP200B
Output	connect to computer software via USB cable	connect to computer software via USB cable; wireless transmission, keyboard signal, optional receiver 7315-2/3/6/7/8/9 is necessary	connect to computer software via USB cable; connect to computer software or printer via Bluetooth
Printer	not included	not included	included
Resolution	1HLD/1HV/1HB/0.1HRC/0.1HRB/0.1HRA/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/HRA 7-89/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	2×AA batteries	main unit: 2×AA batteries printer: rechargeable lithium battery
Dimension (L×W×H)	135×77×32mm		
Net weight	240g		



hardness test block D (included)



small support ring (included)

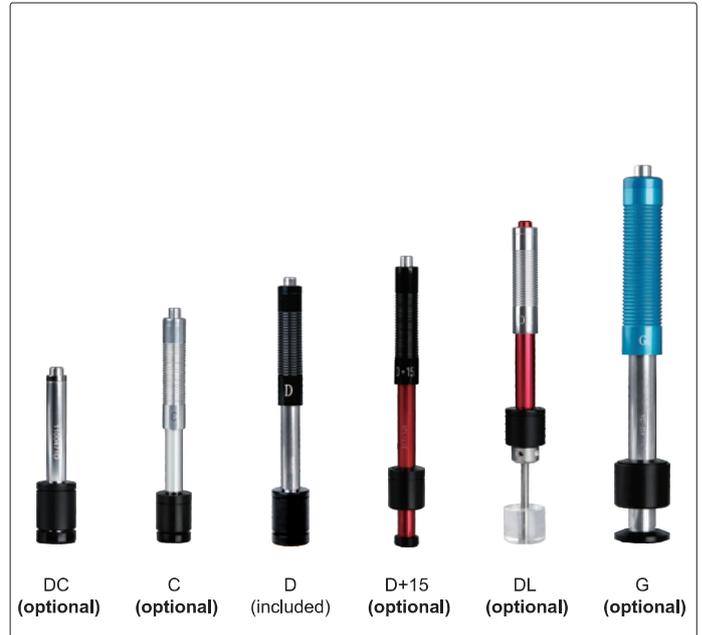
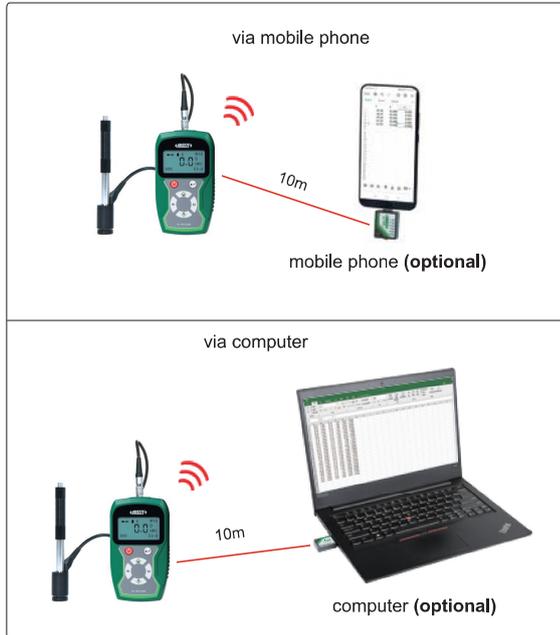


Bluetooth printer (included in HDT-LP200B)



receiver (HDT-LP200WL optional)

HDT-LP200WL can send data to Excel, TXT and other documents by connecting to mobile phone or computer via optional 7315 series receiver



### 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	ISH-PH-SP9
Receiver	7315-2/3/6/7/8/9

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

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

### 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)	2µm	0.4µm	2µm	2µm	2µm	7µm
Minimum weight of workpiece	direct measurement	5kg	1.5kg	5kg	5kg	15kg
	on solid support	2kg	0.5kg	2kg	2kg	5kg
	coupled on plate	0.05kg	0.02kg	0.05kg	0.1kg	0.05kg
Minimum thickness of workpiece	3mm	1mm	3mm	3mm	3mm	10mm