

- Can use wired probes or wireless 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, HRA and HRB), Shore (HS) and tensile strength (SGM)
- Dual value display, shows both Leeb and converted hardness
- Large 2.4" LCD display with backlight
- With a magnet on the back, the main unit can be attached on steel surfaces
- According to ASTM A956 and DIN 50156



hardness test  
block D (included)



small support ring  
(included)



**main unit  
(not included probe)**

main unit connected to wired probe



main unit connected to wireless probe



main unit connected to bluetooth printer (optional)



main unit connect to PC, software is included, upload the data to PC, print and send to Excel



## SPECIFICATION

Resolution	1HLD/1HV/1HB/0.1HRC/0.1HRB/0.1HRA/0.1HS/1SGM
Accuracy	±6HLD (when HLD=800)
Output	USB
Measuring range	HL 100-960/HRC 0.9-79.2/HRB 1-140/HB 1-1878/HV 1-1698/HS 0.5-1370/ HRA 1-88.5/SGM (rm) 1-6599N/mm <sup>2</sup>
Applicable materials	1.steel/cast steel, 2.alloy steel, 3.stainless steel, 4.gray pig iron, 5.nodular cast iron, 6.cast aluminum, 7.brass, 8.bronze, 9.copper, 10.forging steel, 11.rolling steel
Statistics	average /max. /min. /s.value
Memory	999 data
Working environment	-10°C ~ 45°C
Power supply	2xAA battery
Dimension	145×68×28mm
Weight	158g

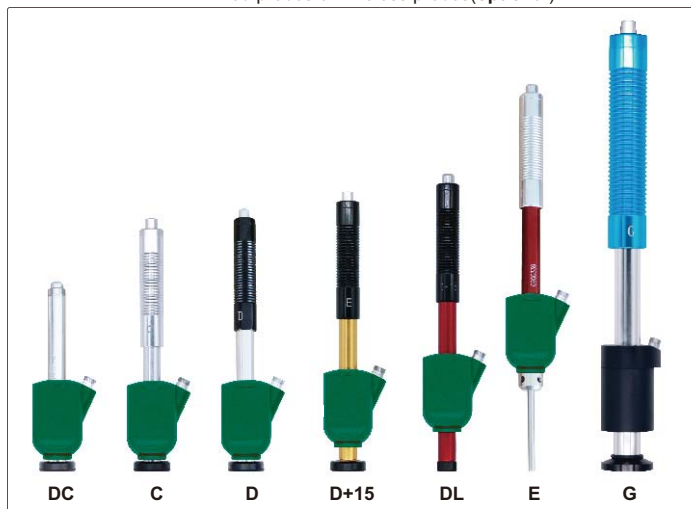
## STANDARD DELIVERY

Main unit	1 pc
Hardness test block D	1 pc
Small support ring	1 pc
Cleaning brush	1 pc
Magnet	1 pc

## OPTIONAL ACCESSORY

Wired probe	D	HDT-LP320-D
	DC	HDT-LP320-DC
	C	HDT-LP320-C
	D+15	HDT-LP320-D15
	DL	HDT-LP320-G
	E	HDT-LP320-DL
	G	HDT-LP320-E
Wireless probe	D	HDT-LP320-DW
	DC	HDT-LP320-DCW
	G	HDT-LP320-GW
	DL	HDT-LP320-DLW
Hardness test block D **		HDT-B-HLD3
Hardness test block G *		HDT-B-HLG2
printer		HDT-LP320-PRINTER
Support rings		HDT-LP320-SRING

wired probes or wireless probes(optional)



\* Hardness test block G (HDT-B-HLG2) is for probe G (HDT-LP320-G or HDT-LP320-GW).

\*\*Hardness test block D (HDT-B-HLD3) is for all others probes.

## APPLICABLE WORKPIECE

Probes	DC	C	D	D+15	DL	E	G
Application	inner wall of small space	small or thin workpiece, coating layer	general use	deep groove	narrow slot or small hole	very hard material	casting or forging workpiece
Maximum roughness of workpiece (Ra)	2µm	0.4µm	2µm	2µm	2µm	2µm	7µm
Minimum weight of workpiece	direct measurement	5kg	1.5kg	5kg	5kg	5kg	15kg
	on solid support	2.5kg	0.5kg	2kg	2kg	2kg	5kg
	coupled on plate	0.05-2kg	0.02kg	0.05-2kg	0.1kg	0.1kg	0.1-2kg
Minimum thickness of workpiece	3mm	1mm	3mm	3mm	3mm	3mm	10mm