INSPECTION CERTIFICATE | DATA OUTPUT | BLUETOOTH

PORTABLE LEEB HARDNESS TESTER
CODE HDT-LP320

- 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/mm²
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

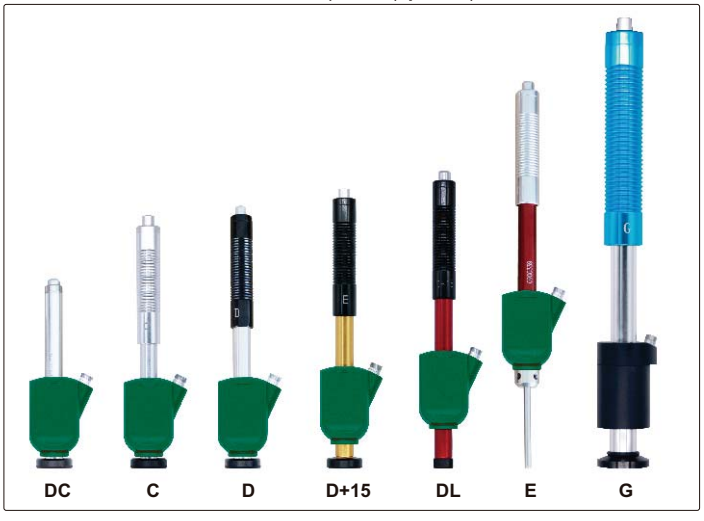
Main unit	1 pc
Hardness test block D	1 pc
Small support ring	1 pc
Cleaning brush	1 pc
Magnet	1 pc

OPTIONAL ACCESSORY

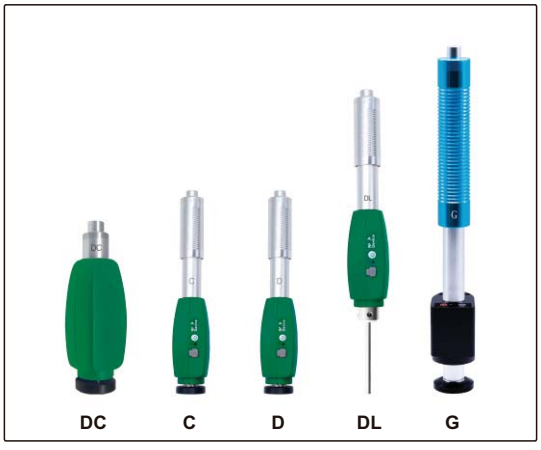
Wired probe	**DC**	**HDT-LP320-DC**
	C	**HDT-LP320-C**
	D	**HDT-LP320-D**
	D+15	**HDT-LP320-D15**
	DL	**HDT-LP320-DL**
	E	**HDT-LP320-E**
	G	**HDT-LP320-G**
Wireless probe	**DC**	**HDT-LP320-DCW**
	C	**HDT-LP320-CW**
	D	**HDT-LP320-DW**
	DL	**HDT-LP320-DLW**
	G	**HDT-LP320-GW**
Hardness test block D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

* 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.

wired probes (**optional**)



wireless probes(**optional**)



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	5kg	15kg
	on solid support	2.5kg	0.5kg	2kg	2kg	2kg	2.5kg	5kg
	coupled on plate	0.05-2kg	0.02kg	0.05-2kg	0.1kg	0.1kg	0.1-2kg	0.5kg
Minimum thickness of workpiece		3mm	1mm	3mm	3mm	3mm	3mm	10mm