

- 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



**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,<br>4.gray pig iron, 5.nodular cast iron, 6.cast aluminum, 7.brass, 8.bronze,<br>9.copper, 10.forging steel, 11.rolling steel |
| Statistics           | average /max. /min. /s.value   |
| Memory               | 999 data   |
| Working environment  | 14°F ~ 113°F   |
| Power supply         | 2xAA battery   |
| Dimension            | 5.71×2.68×1.10"  |
| Weight               | .35lb  |

## 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

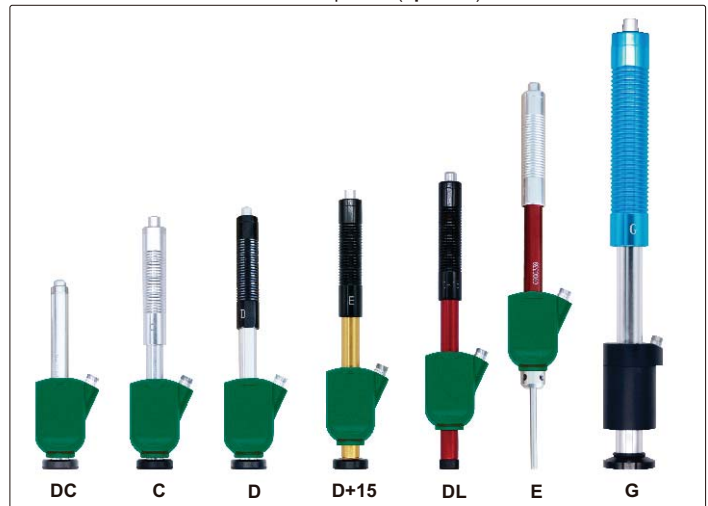
|                          |      |                   |
|--------------------------|------|-------------------|
| Wired probe              | DC   | HDT-LP320-DC      |
|                          | C    | HDT-LP320-C       |
|                          | D    | HDT-LP320-D       |
|                          | 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.

## 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) | 80µin                     | 16µin                                  | 80µin       | 80µin       | 80µin                     | 80µin              | 280µin                       |
| Minimum weight of workpiece         | direct measurement        | 11.02lb                                | 3.31lb      | 11.02lb     | 11.02lb                   | 11.02lb            | 33.08lb                      |
|                                     | on solid support          | 5.51lb                                 | 1.10lb      | 4.41lb      | 4.41lb                    | 4.41lb             | 11.02lb                      |
|                                     | coupled on plate          | .11-4.41lb                             | 0.04lb      | .11-4.41lb  | .22lb                     | .22lb              | .22-4.41lb                   |
| Minimum thickness of workpiece      | .12"                      | .04"                                   | .12"        | .12"        | .12"                      | .12"               | .39"                         |

wired probes (optional)



wireless probes(optional)

