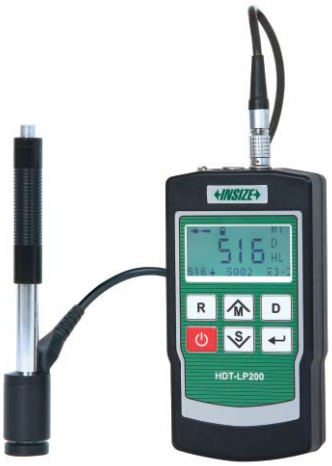
# PORTABLE LEEB HARDNESS TESTER (BASIC TYPE)

VIDEO

INSPECTION CERTIFICATE

- 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, HRA and HRB), Shore (HS) and tensile strength (SGM)
- 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
- Operating temperature: -10°C~45°C
- According to ASTM A956, DIN 50156, GB/T 17394




**HDT-LP200**

hardness test block D (included)

small support ring (included)

wireless printer (included in **HDT-LP200B**)

### SPECIFICATION

| Code | HDT-LP200 | HDT-LP200B |
|---|---|---|
| Printer | not included | included |
| Output | – | bluetooth |
| Resolution | 1HLD/1HV/1HB/0.1HRC/0.1HRB/ 0.1HRA/0.1HS/1SGM | |
| Accuracy | ±6HLD (when HLD=800) | |
| 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 | |
| Power supply | 2xAA battery | |
| Dimension | 127×67×30mm | |
| Weight | 240g | |

large font display

statistics display

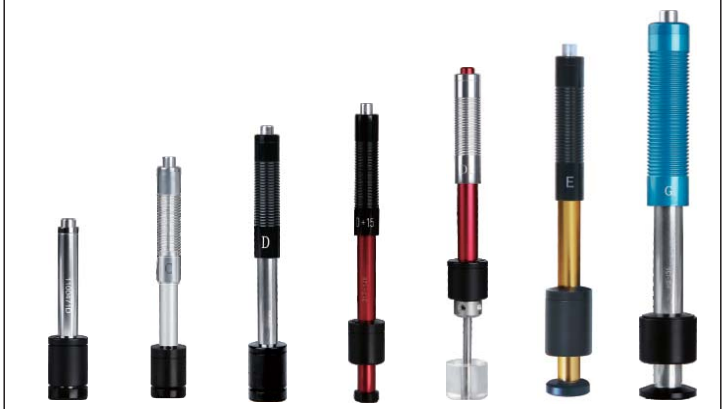
### STANDARD DELIVERY

| | |
|---|---|
| Main unit | 1 pc |
| Hardness test block D | 1 pc |
| Small support ring | 1 pc |
| Cleaning brush | 1 pc |
| Impact device D | 1 pc |
| Printer (inclded 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 E | HDT-LP200-E |
| Impact device G | HDT-LP200-G |
| Hardness test block D * | HDT-B-HLD3 |
| Hardness test block G * | HDT-B-HLG2 |
| Support rings | see details |

* 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 others impact devices.



DC (**optional**) C (**optional**) D (included) D+15 (**optional**) DL (**optional**) E (**optional**) G (**optional**)

### APPLICABLE WORKPIECE

| Impact device | | 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 | 2kg | 0.5kg | 2kg | 2kg | 2kg | 2kg | 5kg |
| | coupled on plate | 0.05kg | 0.02kg | 0.05kg | 0.1kg | 0.05kg | 0.05kg | 0.5kg |
| Minimum thickness of workpiece | | 3mm | 1mm | 3mm | 3mm | 3mm | 3mm | 10mm |