

PORTABLE LEEB HARDNESS TESTER (BASIC MODEL) CODE ISHL-P200



VIDEO



hardness test
block D (included)



small support ring
(included)



printer

STANDARD DELIVERY

| | |
|------------------------|-----|
| Main unit with printer | 1pc |
| Impact device D | 1pc |
| Hardness test block D | 1pc |
| Printer paper | 1pc |
| Small support ring | 1pc |
| Cleaning brush | 1pc |
| AC/DC adapter | 1pc |

OPTIONAL ACCESSORY

| | |
|-----------------------|-----------------|
| Couplant | ISH-COUPPLANT |
| Hardness test block D | ISHL-P100-BLOCK |
| Printer paper | ISHL-P200-PAPER |
| Support rings | see details |

- Supplied with impact device D and built-in printer
- Based on Leeb (HLD), converted to Vickers (HV), Brinell (HB), Rockwell (HRC and HRB), Shore (HS) and tensile strength(MPa)
- Set test times (1~32) to have average value
- Memory of 100 test values for browsing and printing
- Low and high limits with judgement
- Automatic power off

WITH BUILT-IN
PRINTER

SPECIFICATION

| | | |
|----------------------|--|--------------------------|
| Min. reading | 1HLD, 1HV, 1HB, 0.1HRC, 0.1HRB, 1HS, 1MPa | |
| Accuracy | ±8HLD (when HLD=760±30) | |
| Display | Leeb, conversion hardness, material, impact direction, test times, average value, time | |
| Applicable workpiece | minimum weight | 5kg |
| | | 2kg (on solid support) |
| | | 0.1kg (coupled on plate) |
| | minimum thickness: | 5mm |
| | minimum radius of curved surface: | 30mm |
| | maximum roughness (Ra): | 1.6µm |
| Power supply | built-in rechargeable battery | |
| Dimension | 198×82×30mm | |
| Weight | 320g | |

APPLICABLE MATERIAL AND HARDNESS RANGE FOR IMPACT DEVICE D

| Material | HLD | HV | HB | HRC | HRB | HS | Tensile strength (MPa) |
|---------------------|---------|--------|--------|-------|--------|--------|------------------------|
| Steel & cast steel | 300-900 | 81-955 | 81-654 | 20-68 | 38-100 | 32-100 | 375-2639 |
| Tool steel | 300-840 | 80-898 | | 20-67 | | | |
| Stainless steel | 300-800 | 85-802 | 85-655 | | 46-101 | | |
| Cast iron | 360-650 | | 93-334 | | | | |
| Cast aluminum alloy | 170-570 | | 19-164 | | 23-84 | | |
| Brass | 200-550 | | 40-173 | | 13-95 | | |
| Bronze | 300-700 | | 60-290 | | | | |
| Copper | 200-690 | | 45-315 | | | | |