

Pen Type Leeb Hardness Tester



Product Description

Pen Type Leeb Hardness Tester

Alat ukur kekerasan besi, logam, metal

Berbagai satuan pengukuran: HL、HV、HRC、HRB、HB、HS

Technical Parameters :

Measurement direction: support 360° (vertical downward, diagonal downward, horizontal, diagonal upward, vertical upward)

Scope of test:

- (170-960)HLD
- (17.9-69.5)HRC
- (19-683)HB
- (80-1042)HV
- (30.6-102.6)HS
- (13.5-101.7)HRB

Hardness system:

- Richter (HL), Brinell (HB), Rockwell B (HRB), Rockwell C (HRC), Vickers (HV), Shore (HS)
- Indication error: $\pm 0.5\%$ (HLD=800)
- Repeatability of indication: 0.8% (HLD=800)
- Display : Industrial grade 128×64 graphic dot matrix OLED LCD
- Dimensions : 148mm×30mm×30mm
- Power supply : Rechargeable lithium battery
- Continuous working time : About 20 hours

Working conditions :

- Operating temperature -10-50°C;
- Storage temperature: -30°C-60°C;
- Relative humidity $\leq 90\%$;

The instrument meets the following criteria:

- JJG 747-1999 Leeb Hardness Tester
- ASTM A956-06 Standard Test Method for Leeb Hardness Testing of Steel
- Directly shows Leeb scale and Rockwell values
- Small and portable instrument, integrated design without connecting cables, improves the reliability
- OLED display: clear display data under direct sunlight, suitable for all kinds of lighting conditions
- Accurate Measurement: High precision of measurement circuit with value error for $\pm 0.5\%$ (HLD=800), repetition rate value for 0.8%
- Support for multiple hardness standard: HL、HV、HRC、HRB、HB、HS
- Save 270 hardness measurement data, each group including average, hardness standard.
- Support 'Forged Steel' material. When impact type D device test sample "forged steel" it can be read directly HB values, without manual look-up table. Hardness value is preset upper and lower limit, automatic alarm beyond the scope, convenient for the user batch testing.
- Charge as you want. USB charging, compatible with digital product interface