

Profile of Pen leeb hardness tester

Features

1. Pocket size and portable (L*W*H=140*30*30 mm).
2. Integrated design without cable connection improves the reliability.
3. Clear OLED displaying. The displayed information is clearly visible, even in the direct sunlight.
4. High accuracy. The accuracy is $\pm 0.5\%$ (HLD=800) and the repeatability is $\pm 0.8\%$.
5. Supporting multiple hardness system like HL, HV, HRA, HRC, HRB, HB, HS, etc.
6. 270 groups measurement data storage. Each group includes average value and hardness system.
7. When testing the "forged steel" sample, the HB value can be read directly without manual check and there is alarm with adjustable limits.
8. 360° direction measurement.

Technical Data

Parameter Name	Specification
Type of impact device	D type
Impact direction	360° (vertical down, oblique down, horizontal, oblique up, vertical up)
Test range	(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	Leeb (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
Instrument Size	148mm×30mm×30mm
Power supply	Rechargeable Lithium battery.
Continuous working time	20H
Working condition	-10~50° C, <90%;
Storage condition	-30~60° C, <90%;

Pictures



Packaging



Parts list for standard packaging

Parts Name	Quantity
Pen leeb hardness tester	1
Test block	1
Adapter	1
USB Cable	1
Brush	1
Lanyard	1
User Manual	1
Suitcase	1

Weight for each unit:4.1kg(including case and test block);

Dimension for suitcase: 29*23.5*13.5cm;