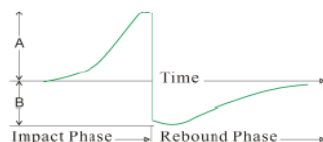


KH-160 Leeb's Hardness Tester Working Principle

To use the impact body of certain weight impacts against the testing surface under certain spring force, leeb hardness means the ratio of the impacting velocity (V_a) and the rebounding velocity (V_b) of the impact body when the spherically test tip is located 1mm above the testing surface. The leeb hardness values are calculated by the following formula:



Technical Specifications

Hardness Parameter	HL, HB, HRB, HRC, HV, HS, Tensile Strength δb
Measuring Range	HLD (200-960) HRC (19.8-68.5) HRB (13.5-100) HB (30-651) HV(80-976) HS (26.4-99.5) δb (375-2639)
Standard Impact Device	D type
Optional Impact Device	C/G/DC/DL/D+15
Accuracy	$\pm 6HLD$ (HLD=800), Repeatability < 6HLD (HLD=800)
Measuring Direction	For manual setting
Resolution	1HL, 1HV, 1HB, 0.1HRB, 0.1HRC, 0.1HS
Display	LED with Backlight
Memory	100 groups (each group include 1-7 testing result and 1 AVE value)
Communication	USB
Printer (Optional)	Portable Thermal Printer (Blue Tooth)
Power	2 pcs. 1.5v AA batteries
Working Temperature	-10°C ~ +50°C
Size	153 × 76 × 37 (mm)
Weight	280g include batteries
Standard	GB/T 17394-1998, ASTM A956
Warranty	12 months

<i>Standard Delivery</i>	<i>Optional</i>
KH-160 Main body	Impact device: C/G/DC/DL/D+15
Standard Block (HLD value)	Standard Block
Rubber Protective Case	Thermal Printer (Blue Tooth)
Cleaning brush	Special Support rings (12 pcs)
Small Support ring	
User`s manual	
Suitcase	
Soft-CD & Communication cable	