

Hardness Tester RHL50



The Huatec RHL50 is a Leeb rebound hardness tester typically used for hardness measurements on assembled machinery and permanent installed parts, mould die cavities and narrow testing spaces of installed workpieces.

The unit can be deployed for use in failure analysis and cases which require the test result with normalised original recording as well as quick tests of large range and multi-point measuring positions for heavy work pieces.

Technical Specifications

Hardness Tester RHL50

Hardness Scale	HL, HB, HRB, HRC, HRA, HV, HS
Measuring Indenter	Standard Impact Device D
Measuring Range	HLD 170 - 960
Reproducibility	6HLD (760±30HLD) Repeatability
Data Memory	48 - 600 Groups
Maximum Workpiece Hardness	996HV for Devices D/DC/DL/D+15/C 646HB for Device G
Minimum workpiece weight	2 - 5kg on Stable Support 0,05 - 2kg With Compact Coupling
Minimum Workpiece Thickness	5mm for Devices D/DC/DL/D+15 1mm for Device C / 10mm for Device G
Operating Temperature	0 - 40°C
Power Source	Rechargeable Li-Ion Battery
Continuous Operation	±100 hrs With No Backlight
Dimensions	Display Unit 152 x 84 x 34mm
Weight	Display unit 300g
Standard Components	1 x Display Unit, 1 x Impact Device D 1 x Test Block With HLD Value 1 x Charger, 1 x Nylon Brush 1 x Small Support Ring Dataview Software USB&RS232 Comms Cable

Features

- LCD display with backlight
- Converts to all common hardness scales
- Powerful PC software and USB interface
- Lower limit and alarm setting
- Memory of 600 data groups
- Output to external printer

Optional Accessories

- Impact Devices DC / D+15 / G / C / DL
- Normal and special type support rings
- High, Medium and Low value test blocks
- Impact body
- Impact ball tip
- Printer



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