

UNIVERSAL HARDNESS TESTER TH-154™

Handheld dynamic metal hardness tester with integrated Impact device DL

- Integrated impact device DL featuring testing in confined spaces
- Memory up to 256 data
- Delete the display result automatically or manually
- Battery low indication
- Large LCD with backlight
- Data output RS-232
- Direct display of hardness values in Rockwell HRB, HRC, Vickers HV, Brinell HB, Shore HS, Leeb's HLDL
- For materials steel and cast steel
- Tests at any angle, even upside down
- Simple handling and low test expenditure
- Conforms to ASTM A 956
- Optional printer TA-220S available



Material	HLD	HB	HRB	HRC	HV	HS
Steel and cast steel	560-950	81-646	37-100	20-68	80-950	30-96

The ranges are stipulated by the application limits of the relevant static procedure

Technical specifications

Standard Impact Device	DL integrated
Hardness scales	HLDL, HB, HRC, HRB, HV, HS
Measuring range / materials	See table above
Accuracy	±12HLDL
Memory	256 average readings
Output	RS-232 to printer
Min. Surface Roughness of workpiece	1.6µm (Ra)
Needle front section of DL-device	Diameter= 2.8mm Length= 50mm
Max. Workpiece Hardness	950HLDL
Workpiece radius (convex/concave)	Rmin = 50mm
Min. Workpiece weight	2~5kg on stable support 0.05~2kg with compact coupling
Min. Workpiece thickness coupled	5mm
Min. Thickness of hardened layers	0.8mm
Indentation depth	See page: Impact devices data
Continuous working time	300 h (without backlight)
Power	Battery Lithium 3V, CR½AA
Operating temperature	0°C ~ 40°C
Overall dimensions	213mm x 60mm x 39mm
Weight	170gr

Standard delivery

- Main unit integrated with impact Device DL
- Test block with HLDL value
- Cleaning brush
- Battery Lithium 3V, CR½AA
- Data cable
- Certificate
- Manual
- Carrying case

Optional accessories

- Test blocks UKAS certified in any hardness parameter
- Printer TA-220S