
UNIVERSAL HARDNESS TESTER TH-134™

Handheld dynamic metal hardness tester TH-134 for confined spaces



- ? Dynamic rapid hardness test procedure
- ? Integrated impact device DL featuring testing in confined spaces
- ? Wide measuring range
- ? Direct display of hardness scales Rockwell HRB, HRC, Vickers HV, Brinell HB, Shore HS, Leebs HLDL
- ? For materials steel and cast steel
- ? Impact device provides testing at any angle
- ? Simple handling and low test expenditure
- ? High accuracy $\pm 0.5\%$
- ? Conforms to ASTM A 956
- ? Clear LCD display showing all functions and parameters
- ? Optional printer TA-220 available

Material	HLDL	HB	HRB	HRC	HV	HS
Steel and cast steel	560-950	81-646	37-100	21-68	80-950	30-96
The ranges are stipulated by the application limits of the relevant static procedure						

Technical specifications	
Hardness parameter	HLDL, HRC, HRB, HV, HB, HS
Measuring range / metallic materials	See table above
Accuracy	Within ± 12 HLDL
Statistics	Average (max. 99)
Output	RS-232 to printer
Min. Surface roughness of workpiece	1.6 μ m (Ra)
Impact device	DL (integrated)
Needle front section of DL-device	Diameter = 4.2mm
	Length = 50mm
Workpiece max. hardness value	950HLDL
Workpiece radius (convex/concave)	Rmin = 10mm
Workpiece minimum weight	2kg on solid support (0.1kg with couplant paste)
Workpiece min. thickness coupled	5mm
Workpiece min. case hardened depth	0.8mm
Indentation depth	See page: Impact devices data
Power	Rechargeable battery NiMH 3.6V, 70mAh
Charger	9V, 200mA (1.8VA)
Charging time	8 hours
Operating temperature	0°C to 40°C
Overall dimensions	210mm x 24mm x 55mm
Dimensions DL impact device	LxD 50mm x 4mm diameter
Weight	200gr

Standard delivery

Main unit with integrated
impact device type DL
Test block with HLDL-value
Charger
Cleaning brush
Coupling paste
Pocket protection case
Certificate
Manual
Plastic carrying case

Optional accessories

Test blocks UKAS certified with any hardness parameter
Printer TA-220 + cable
See page accessories for
IMPACT-series