

UNIVERSAL HARDNESS TESTER TH-132 "IMPACT-C"™

Handheld dynamic metal hardness tester TH-132 for thin components



- ? Dynamic rapid hardness test procedure
- ? Integrated impact device C featuring low impact energy for surface hardened components and thin walled components
- ? Wide measuring range
- ? Direct display of hardness scales Rockwell HRC, Vickers HV, Brinell HB, Shore HS, Leebs HLC
- ? For steel and cast steel, and cold work tool 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	HLC	HB	HRC	HV	HS
Steel and cast steel	350-960	80-683	20-69	80-996	32-102
Cold work tool steel	350-900	-	20-68	100-941	-

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

Technical specifications	
Hardness parameter	HLC, HRC, HV, HB, HS, HL
Measuring range / metallic materials	See table above
Accuracy	Within ± 12 HLC
Statistics	Average (max. 99)
Output	RS-232 to printer
Min. Surface roughness of workpiece	0.4 μ m (Ra)
Impact device	C integrated
Workpiece max. hardness value	960HLC
Workpiece radius (convex/concave)	Rmin = 50mm (with support ring Rmin= 10mm)
Workpiece minimum weight	0.5kg-1.5kg on solid support (0.02kg-0.5kg with couplant paste)
Workpiece min. thickness coupled	1mm
Workpiece min. case hardened depth	0.2mm
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	155mm x 24mm x 55mm
Weight	175gr

Standard delivery

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

Optional accessories

Test blocks UKAS certified with any hardness parameter
Support rings for convex and concave surfaces
Printer TA-220 + cable
IMPACT-series