

# TH130/132/134



**TH130**



**TH132**



**TH134**

## Features:

- Impact size, easy operation.
- Wide measuring range in HLD, direct display of converted hardness values in HB, HRB, HRC, HRA, HV, HS
- High applicability, can be used for hardness testing of most metals.
- Test at any angle even upside down.
- Optional printer TA230 available
- Easy measurements on large & heavy workpieces
- Measuring for confined spaces of large workpieces
- TH130: integrated with D impact device for normal hardness testing
- TH132: integrated with C impact device for hardness testing on thin, light and face-hardened workpieces
- TH134: integrated with DL impact device for hardness testing of deep grooves and tooth surface

## Technical Specification

	<b>TH130</b>	<b>TH132</b>	<b>TH134</b>
Impact device	<b>D</b> integrated	<b>C</b> integrated	<b>DL</b> integrated
Hardness scales	HLD, HB, HRC, HRA, HV, HS	HLD, HB, HRC, HV, HS	HLDL, HB, HRC, HRB, HV,
Accuracy	±6HLD(760 ±30HLD)	±12HLC	±12HLDL
Memory	99 average readings		
Output	RS232 to printer		
Average Surface Roughness of Work piece	1.6μ ( Ra)	0.4μ ( Ra)	1.6μ ( Ra) Diameter = 2.8mm
Max. Work piece Hardness	900HLD	960HLC	950HLDL
Min. radius of Work piece (convex/concave)	Rmin = 50mm (with support ring Rmin= 10mm)	Rmin = 11mm (with support rings)	Rmin = 10mm
Min. Work piece weight	2~5kg on stable support 0.05~2kg with compact coupling	0.5~1.5kg on stable support 0.02~0.5kg with compact coupling	2~5kg on stable support 0.05~2kg with compact coupling
Min. Work piece thickness coupled	5mm	1mm	5mm
Min. Thickness of hardened layers	0.8mm	0.2mm	0.8mm
Indentation depth	Impact Devices data	Impact Devices data	Impact devices data

Continuous working time	60 h	60 h	60 h
Power	Rechargeable Li-Polymer batteries	Rechargeable NiMH battery	rechargeable NiMH battery
Operating temperature	0~40°C	0~40°C	0~40°C
Overall dimensions	155×24×55mm	155×24×55mm	210×24×55mm
Weight	180 g	175g	200g

### Standard delivery

- Main unit
- Test block with HLD value
- Charger
- Brush
- Protection pocket
- TIME certificate
- Instruction manual
- Warranty card

### Optional accessories

- Printer TA230
- Support rings



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