



Portable Hardness Tester TH130



OVERVIEW :

- Portable Hardness Tester TH 130 is manufactured considering the need of portability of these equipments for ease of measurement.
- Impact Device D integrated: no cables.
- Wide measuring range in HLD and direct display of converted hardness values in HB, HRB, HRC, HRA, HV, HS.
- For most metals (see table below)
- Test at any angle
- Simple handling and low test expenditure
- Optional printer TA220S available

FEATURES :

- Easy measurement on large & heavy workpieces
- Measuring in 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 mould-face (such as tooth surface) workpieces.

VERTEX ENGINEERS & ASSOCIATES

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Portable Hardness Tester TH130

TECHNICAL SPECIFICATION :

Models	TH130	TH132	TH134
Impact device	D integrated	C integrated	DL integrated
Hardness scales	HLD, HB, HRC, HRA, HV, HS	HLD, HB, HRC, HV, HS	HLD, HB, HRC, HRB, HV, HS
Measuring range/materials	See table given below		
Tolerance	± 6HLD(760 ± 30HLD)	± 12HLC	± 12HLDL
Memory	99 average readings	99 average readings	99 average readings
Output	RS232 to printer	RS232 to printer	RS232 to printer
Surface Roughness of Work piece	≤ 1.6µm [Ra]	≤ 0.4µm [Ra]	≤ 1.6µm [Ra]
Min. radius of Workpiece (convex / concave)	Rmin = 50mm(with support ring Rmin = 10mm)	Rmin = 11mm (with support rings)	Rmin = 10mm
Min. Workpiece 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. Workpiece thickness with coupling	5mm	1mm	5mm
Min. Thickness of hardness layers	0.8mm	0.2mm	0.8mm
Indentation depth	See table given below		
Charging time	3h		

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Continuous working time	60 h		
Power	Rechargeable Li-ion batteries		
Operating temperature	0~40°C		
Overall dimensions	155 x 24 x 55m m	155 x 24 x 55m m	210 x 24 x 55m m
Weight	180g	175g	200g

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