



Portable Hardness Tester

Model - TH 130



Specification -

Impact Device D integrated: no cables!

Wide measuring range in HLD and direct display of converted hardness values in HB,HRB,HRC,HV,HS

For most metals (see table below)

Test at any angle

Simple handling and low test expenditure

Optional printer TA220S available

Material	HLD	HRB	HRC	HB	HV	HS
Steel & cast steel	300~900	38.4~99.8	20~68.4	81~654	81.1~955	32.5~99.5
CWT .ST	300~840		20.4~67.1		80~898	
Stainless steel	300~800	46.5~101.7	19.6~62.4	85~655	85~802	
GC. Iron	360~650			93~334		
NC.Iron	400~660			131~387		
C.Alum	200~570	23.8~34.6		26.8~164		
Brass	200~550	13.5~95.3		40~173		
Bronze	300~700			60~290		
Copper	200~690			45~315		

Standard Impact Device	D integrated
Hardness scales	HLD, HB, HRC, HRB, HRA, HV, HS
Measuring range / materials	See table above
Accuracy	$\pm 6\text{HLD}(760 \pm 30\text{HLD})$
Memory	99 average readings
Output	RS232 to printer
Min. Surface Roughness of Workpiece	1.6 μm (Ra)
Max. Work piece Hardness	900HLD
Min. radius of Workpiece (convex/concave)	R _{min} = 50mm (with support ring R _{min} = 10mm)
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	Impact Devices data (See page 8)
Continuous working time	8 h
Power	Rechargeable Li-Polymer batteries
Operating temperature	0~40°C
Overall dimensions	155 × 24 × 55mm
Weight	180 g

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