

Hardness Tester TH130



- Product info:**
- 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

Measuring range

Material	HLD	HRB	HRC	HRA	HB	HV	HS
Steel & cast steel	300~900	38.4~99.8	20~68.4	59.1~85.8	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		

Technical specifications

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

Standard delivery

- Main Unit integrated with impact device D 1
- Test block with HLD value 1
- Charger 1
- Cleaning brush 1
- TIME certificate 1
- Instruction manual 1
- Warranty card 1
- Carrying case 1

Optional accessories

- Support rings (see page 9)
- Printer TA220S with cable