



- 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	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		

Technical specifications

Standard Impact Device	D integrated
Hardness scales	HLD, HB, HRC, HRA, HV, HS
Measuring range / materials	See table above
Accuracy	±6HLD(760 ±30HLD)
Memory	99 average readings
Output	RS232 to printer
Min. Surface Roughness of Work piece	1.6μ (Ra)
Max. Work piece Hardness	900HLD
Min. radius of Work piece (convex/concave)	Rmin = 50mm (with support ring Rmin= 10mm)
Min. Work piece weight	2~5kg on stable support 0.05~2kg with compact coupling
Min. Work piece 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
- Test block with HLD value
- Charger
- Cleaning brush
- TIME certificate
- Instruction manual
- Warranty card
- Carrying case

Optional accessories

- Support rings
- Printer TA220S with cable