Hardness Tester TH130

- ●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	±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℃
Overall dimensions	155×24×55mm
Weight	180 g

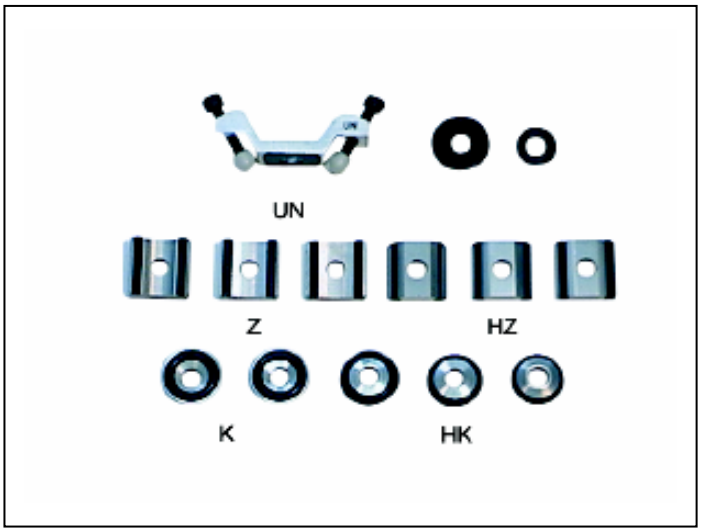
Standard delivery

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

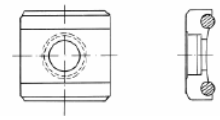
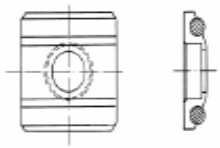
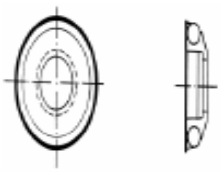
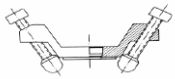
Optional accessories

- ●Support rings
- ●Printer TA220S with cable

Optional Support Rings



Support Rings

No.	Type	Sketch of non-conventional supporting ring	**Remarks**
1	Z10-15		For testing cylindrical outside surface R10～R15
2	Z14.5-30		For testing cylindrical outside surface R14.5～R30
3	Z25-50		For testing cylindrical outside surface R25～R50
4	HZ11-13		For testing cylindrical inside surface R11～R13
5	HZ12.5-17		For testing cylindrical inside surface R12.5～R17
6	HZ16.5-30		For testing cylindrical inside surface R16.5～R30
7	K10-15		For testing spherical outside surface SR10～SR15
8	K14.5-30		For testing spherical outside surface SR14.5～SR30
9	HK11-13		For testing spherical inside surface SR11～SR13
10	HK12.5-17		For testing spherical inside surface SR12.5～SR17
11	HK16.5-30		For testing spherical inside surface SR16.5～SR30
12	UN		For testing cylindrical outside surface, radius adjustable R10～∞