

Integrated Probe Hardness Tester TH-130



Product Information

Product info: 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

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		



Instruments
www.eztechinstruments.com

The Art of Measurement

Integrated Probe Hardness Tester TH-130

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)	Rmin = 50mm (with support ring Rmin= 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

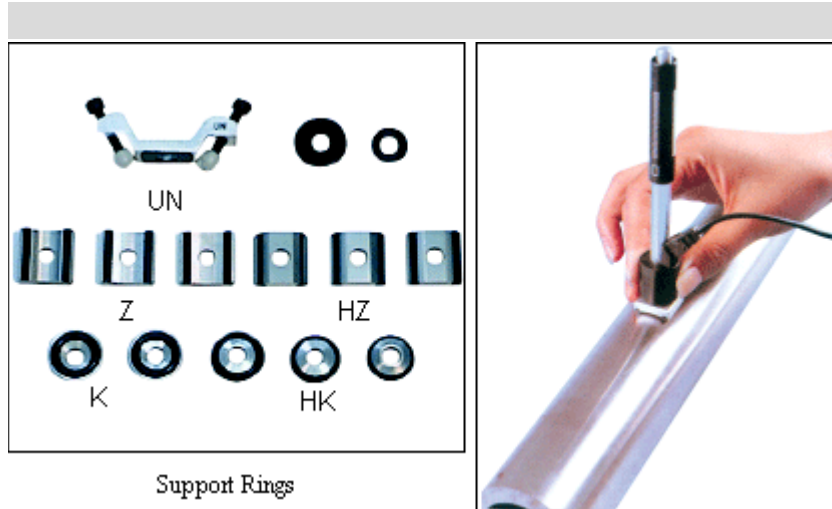
Standard delivery

- 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
- Printer TA220S with cable
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Support Rings

Product Information

Product info:

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~∞