Hardness Tester TH154

- ●Developed model of TH134, more fashionable appearance
- ●Impact Device DL integrated: no cables
- ●Memory up to 256 data
- ●Delete the misplay result automatically or artificially
- ●Battery low indication
- ●Large LCD with backlight
- ●Data output RS232
- ●Wide measuring range in HLDL and direct display of converted hardness values in HRB, HRC, HV, HB, HS
- ●For materials steel & cast steel
- ●Test at any angle, even upside down
- ●Simple handling and low test expenditure
- ●Optional printer TA220S available

Measuring range

Materials	HLD	HB	HRB	HRC	HV	HS
Steel & cast steel	560~950	81~646	37.0~99.9	20.6~68.2	80~950	30.6~96.8

Technical specifications

Standard Impact Device	DL integrated
Hardness scales	HLDL, HB, HRC, HRB, HV, HS
Measuring range / materials	See table above
Accuracy	±12HLDL
Memory	256 average readings
Output	RS232 to printer
Min. Surface Roughness of Work piece	1.6µ (Ra)
Needle front section of DL-device	Diameter=2.8mm, Length=50mm
Max. Work piece Hardness	950HLDL
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
Continuous Working time	300 h (without backlight)
Power	Batteries Lithium CR1/2 AA
Operating temperature	0~40℃
Overall dimensions	213×60×39mm
Weight	170 g

Standard delivery

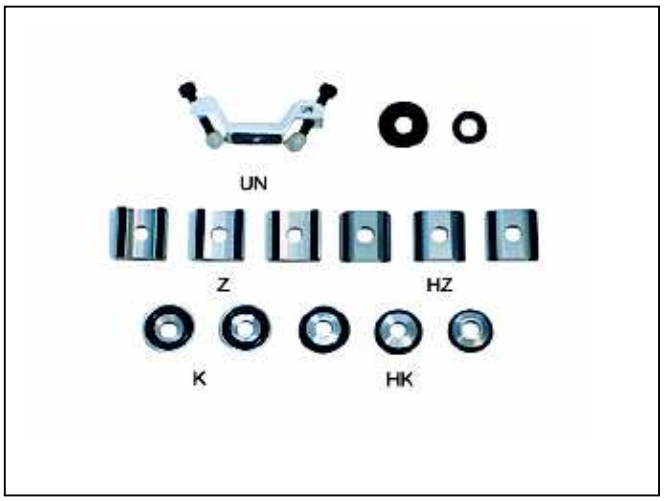
Main unit integrated with Impact device DL 1

- ●Test block with HLD value 1
- ●Cleaning brush 1
- ●Battery 3V Li CR1/2 AA 1
- ●TIME certificate 1
- ●Instruction manual 1
- ● Warranty card 1

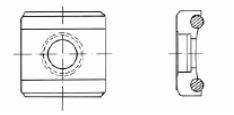
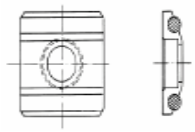
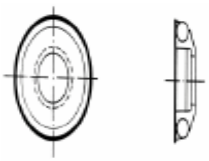
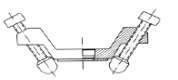
Optional accessories

- ●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～∞

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