

# Hardness Tester TH152



- Developed model of TH132, more fashionable appearance!
- Impact Device C 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 HLC and direct display of converted hardness values in HRB, HRC, HV, HB, HS
- For materials steel & cast steel, CWT.ST & C.Alum
- Simple handling and low test expenditure
- Optional printer TA220S available

## Measuring range

Material	HLC	HB	HRC	HV	HS	HRB
Steel & cast steel	350~960	80~683	20.0~69.5	80~996	31.8~102.1	
CWT.ST	350~900		20.7~68.2	100~941		
C.Alum	230~640	23~210				22.7~85.0

## Technical specifications

Standard Impact Device	C integrated
Hardness scales	HLC, HB, HRC, HRB, HV, HS
Measuring range / materials	See table above
Accuracy	±12HLC
Memory	256 average readings
Output	RS232 to printer
Min. Surface Roughness of Work piece	0.4μ ( Ra)
Max. Work piece Hardness	960HLC
Min. radius of Work piece (convex/concave)	Rmin=11mm (with support ring )
Min. Work piece weight	0.5~1.5kg on stable support 0.02~0.5kg with compact coupling
Min. Work piece thickness coupled	1mm
Min. Thickness of hardened layers	0.2mm
Indentation depth	Impact Devices data (see page 8)
Continuous working time	300 h (without backlight)
Power	Batteries 3V lithium CR1/2 AA
Operating temperature	0~40°C
Overall dimensions	149×60×39mm
Weight	145g

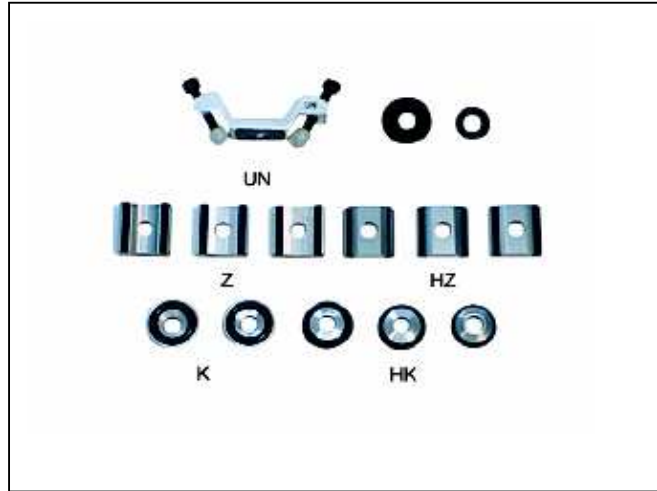
## Standard delivery

- Main unit integrated with Impact Device C 1
- Test block with HLD value 1
- Cleaning brush 1
- Battery 3V Li CR1/2 AA 1
- TIME certificate 1
- Instruction manual 1
- Guarantee card 1
- Carrying case 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~∞