



Portable Hardnesstester KH-320



Features:

- Suitable for multiple impact devices and 6 types of hardness scales are available for various applications;
- Embedded thermal printer, instant test report printing;
- Large and clear digital display;
- Rechargeable Li-ion battery;
- Supporting blue-tooth transmission to PC and wireless printing;
- Optional PC software with perfect data base function. Supporting data query, system characteristics displaying and bar graph displaying

Technical Specification

- Hardness Scales: HL, HRC, HRB, HV, HB, HS
- Accuracy: +/- 0.5%
- Repeatability Accuracy: HLD +/-4; HRC: +/-1; HB: +/-4
- Standard impact device : Impact device of type D
- Optional impact device: D/C/DC/D+15/DL/G
- PC interface : USB 2.0
- Screen display: 128x64 dot matrix LCD, backlight and adjustable contrast
- Measuring direction: 360 degree, automatically recognize the direction
- Data memory: 100 group of readings
- Max. hardness of the measured work: 940HV (for D,DC,DL,D+15,C type impact devices)
- Radius of curvature of the measured work: Rmin=50mm (If using Alien support ring, Rmin=10mm)
- Recognition function: Recognize the type of the impact devices automatically
- Type of the printer: Embedded thermal printers
- Measurable material: Steel and cast steel, alloy tool steel, stainless steel, gray cast iron, nodular cast iron, aluminum casting alloy, copper zinc alloy (brass), copper tin alloy (bronze), fine copper
- Detecting voltage automatically: alarm automatically when working voltage is less than rated voltage



- Power: Rechargeable lithium ion battery of 2x3.7v, 1300mAh Charger: 9V DC adapter
- Working time: about 30 hours without printing
- Dimension: 198mmx82mmx30mm
- Net weight: 0.32kg include battery
- Wireless transmission: Supporting Blue-tooth transmission and wireless printing

Main functional parameters

- Choose testing Materials, Hardness Scales, Measuring Direction and times of Tests by Button;
- Direct Display of Hardness Scales including HRB,HRC,HV,HB,HS,HL;
- Show the result of Each test repeatedly, Automatically or Manually Remove the Wrong test results;
- Directly Output the Average Single Test Result or all the results in same time
- Automatic detection of the battery voltage, Low voltage warning for battery protection,
- With battery indicator Icon in test status; Instant reporting;
- Plenty of status bar display, displaying Blue-tooth, buzzer, error information, time, battery quantity and so on.

Standard Delivery:

New KH-320 main machine, Impact device D, Test Block HLD value, Charger/adapter, Blue-Tooth, USB Cable, Cleaning brush, Small support ring, Printer paper, English Instruction Manual.