

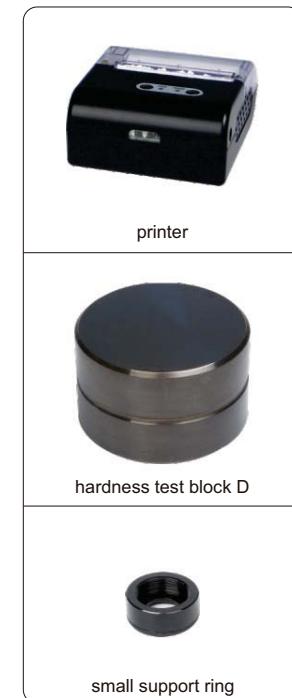
# PORTRABLE LEEB HARDNESS TESTER CODE ISH-SPHD



DATA  
OUTPUT



included



- Impact device D
- Based on Leeb(HLD), converted to Vickers(HV), Brinell(HB), Rockwell(HRC and HRB), Shore(HS) and tensile strength(MPa)
- Automatic direction correction
- Connected with printer via bluetooth
- Connected with computer via USB port
- Up to 500 test results can be saved
- According to ASTM A 956

## SPECIFICATION

Min. reading	1HLD, 1HV, 1HB, 0.1HRC, 0.1HRB, 1HS
Accuracy	±6HLD (when HLD=800)
Output	USB and bluetooth
Applicable workpiece	minimum weight 5kg (direct measurement)
	2kg (on solid support)
	0.1kg (coupled on plate)
	minimum thickness: 5mm
	minimum radius of curved surface: 11mm
	maximum roughness(Ra): 1.6µm
Power supply	built-in rechargeable battery
Dimension	147×35×22mm
Weight	65g

## STANDARD DELIVERY

Main unit	1pc
Printer	1pc
Hardness test block D	1pc
Small support ring	1pc
Cleaning brush	1pc
AC/DC adapter	1pc
USB cable and software disc	1pc of each

## OPTIONAL ACCESSORY

Couplant	ISH-COUPPLANT
Support rings	page 362
Hardness test block D	ISH-BHLD

## APPLICABLE MATERIAL AND HARDNESS RANGE FOR IMPACT DEVICE D

Material	HLD	HV	HB	HRC	HRB	HS
Steel & cast steel	300-900	81-955	81-654	20-68	38-100	32-100
Tool steel	300-840	80-898		20-67		
Stainless steel	300-800	85-802	85-655		46-101	
Cast iron	360-650		93-334			
Cast aluminum alloy	170-570		19-164		23-84	
Brass	200-550		40-173		13-95	
Bronze	300-700		60-290			
Copper	200-690		45-315			