

Portable Leeb Hardness Tester



Minimum reading	1HLD, 1HV, 1HB, 0.1HRC, 0.1HRB, 1HS, 1MPa	
Accuracy	±6HLD (when HLD = 800)	
Display	Leeb (HLD), converted hardness, material, impact direction, test times, average value, date	
Output	Bluetooth	
Applicable workpiece	minimum weight	11.02 lbs 4.41 lbs (on solid support) 0.22 lbs (coupled on plate)
	minimum thickness:	0.20"
	minimum radius of curved surface:	1.18"
	maximum roughness (Ra):	63µin
Power supply	3 x AAA batteries	
Dimensions (Inch)	5.91 x 3.31 x 1.10	
Weight (lbs)	0.44	
INSIZE No.	ISH-PHB	
Code	816432	



- Based on Leeb (HLD), converted to Vickers (HV), Brinell (HB), Rockwell (HRC and HRB), Shore (HS) and tensile strength (MPa)
- Memory of 99 measurement values for browsing
- Set measurement times (1-9) to have average value
- Connects to printer via bluetooth (printer optional)
- Automatic power off
- ASTM A956 standards
- Supplied with manufacturer inspection certificate

Includes one of each:
 Hardness tester
 Impact device D
 Hardness test block D
 Small support ring
 Cleaning brush

OPTIONAL ACCESSORIES:
 Wireless printer
 Couplant
 Support rings
 Hardness test block D

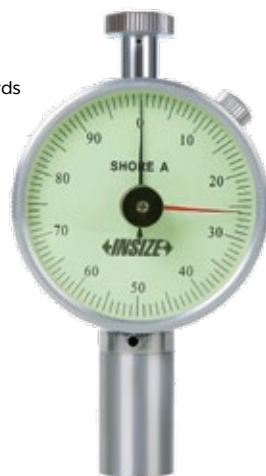
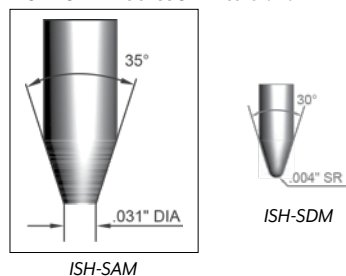
Applicable Material and Hardness Range for Impact Device D							
Material	HLD	HV	HB	HRC	HRB	HS	Tensile Strength (MPa)
Steel and Cast steel	300-900	81-955	81-654	20-68	38-100	32-100	375-2639
Tool steel	300-840	80-898	-	20-67	-	-	-
Stainless steel	300-800	85-802	85-655	-	46-101	-	-
Cast iron	360-650	-	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	-	-	-	-

Shore Durometer



- ISO868, ISO7619 and ASTM D 2240 standards
- With peak value indicator

OPTIONAL ACCESSORY: Test stand



Scale	Shore A	Shore D
Application	Natural rubber, soft elastomer, etc.	Hard rubber, plastic, hard elastomer, etc.
Measuring range	10-90HA*	20-90HD
Graduation	1HA	1HD
Indenter protrusion	0.10"	
Dimensions (Inch)	4.53 x 2.36 x 0.98	
Weight (lbs)	0.35	
INSIZE No.	ISH-SAM	ISH-SDM
Code	816696	877432

*Use when measuring result is lower than 20HD