REED
THE RIGHT SOURCE
THE RIGHT SOLUTIONS

HARDNESS TESTER

FEATURES

- Directly measure different types of hardness values including Rockwell (HRC, HRB, HRA), Leeb (HL), Brinell (HB), Vickers (HV) and Shaw (HS)
- Hardness value is calculated from comparing the energy of a test body before and after impacting on a sample; this energy quotient is is calculated from comparing the impact and rebound velocities of the impact body (it rebounds faster from harder samples than from softer ones, resulting in a greater energy quotient)
- Ideal for hardness testing of large, non-transportable parts in hard to reach places; can be used in any position and on several different materials
- Materials that can typically be tested include cast steel, alloy tool steel, stainless steel, aluminum, bronze, copper, cast irons, etc.
- Conversion of measurements to tensile strength (U.T.S.)
- Large capacity memory can store up to 350 groups of information (depending upon impact times) including measurement value, mean value, testing date, impact direction, impact times, material and hardness scale
- Real-time clock
- Mini USB data interface
- Operates on a rechargeable lithium battery
- 128 x 32 dot matrix LCD with battery life display
- Includes main unit, "D" impact device, small supporting ring, Leeb test block, nylon brush, battery charger, data processing software, and communication cable

SPECIFICATIONS

Hardness Scale: HL, HRC, HRB, HRA, HV, HB, HS
Meauring Range: HLD: 170 to 960; HRA: 59 to 85; HRB: 13 to 100; HRC: 20 to 68; HB: 19 to 651; HV: 80 to 967; HS: 30 to 100
Measuring Direction: 360°
Display: 128 x 32 dot matrix LCD
Communication Port: Mini USB
Internal Memory: 48 to 350 groups of data
Power Supply: Rechargeable Li battery, 3.7V
Battery Life: Approx. 12h continuous use
Dimensions: 146 x 30 x 25mm
Weight: 110 g

ORDERING INFORMATION

R9030 ....Hardness Tester

Contact us at 1-800-561-8187
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www.reedinstruments.com

1 YEAR WARRANTY REED