

Portable Hardness Tester with Impact Device G

This portable hardness tester is designed for on-site testing of metallic materials. It utilizes an impact device G, making it suitable for solid components like heavy castings and forgings.



Overview

Portable Hardness Tester with Impact Device G

This portable hardness tester is specifically engineered for testing solid, heavy components such as large castings and forgings. It offers versatile operation in either individual or system modes and supports automatic identification of impact direction across a full 360-degree range. With integrated data management, including storage for 200 average values and USB connectivity, it provides a reliable solution for on-site material hardness inspection.

Key Metrics

Impact Energy

90 mJ

Impact Energy

Accuracy & Repeatability

12 HLG

Accuracy

12 HLG

Repeatability

Measuring Range

200~750 HLG

Technical Specifications

Interface

USB • PC Data Transfer

Supported Hardness Scales

HLG, HB, HRB

Measuring Direction

360° (Automatic identification)

Display

OLED screen, 128x64 dot matrix, brightness adjustable

Memory Capacity

200 average values

Physical Properties

Operating Environment

- Temperature: 0~40
- Humidity: d90%

Dimensions

254 x 50 x 40 mm

Weight

310 g

Material Compatibility

Material Hardness Ranges

Material	Hardness Scale	Range
Steel and cast steel	HB	90~646
Steel and cast steel	HRB	47.7~99.9
Grey cast iron	HB	92~326
Nodular cast iron	HB	127~364
Cast aluminum alloys	HB	32~168
Cast aluminum alloys	HRB	23.8~85.5

Standard Delivery

Standard Delivery Items

- Main unit
- Test block G
- Mini USB cable
- Charger
- Cleaning brush
- Warranty card
- Instruction manual