

Universal Hardness Tester for Metals

This hardness tester is suitable for determining the hardness of ferrous and non-ferrous metals, hard metals, carburized layers, and chemical treating layers. It can perform Brinell, Rockwell, and Vickers testing with different kinds of testing force and indenter options.



Overview

Versatile Hardness Testing Solution

The Universal Hardness Tester is a high-precision instrument designed for comprehensive metallic material analysis. Supporting multiple indentation methods including Rockwell, Brinell, and Vickers, this device provides reliable results for quality control and material research. It is built to comply with international standards such as ASTM and ISO, ensuring accuracy across diverse industrial applications.

Standard Accessories

Included Indenters

- Diamond Rockwell indenter
- Diamond Vickers indenter
- 1.5875mm ball indenter
- 2.5mm ball indenter
- 5mm ball indenter

Included Hardness Blocks

Type	Description
Rockwell	55~65 HRC
Rockwell	25~35 HRC
Rockwell	HRB
Brinell	Standard Block
Vickers	Standard Block

Technical Specifications

Certified Compliance

ASTM E10 • ASTM E18 • ASTM E92 • ISO 6506 • ISO 6507 • ISO 6508

Micrometer Eyepieces

15x, 2.5x, 5x