

Digital Rockwell Hardness Tester

This Rockwell hardness tester is designed for mechanical testing of hardened steel, tempering steel, and aluminum alloy. It features a digital display for direct reading of hardness values, removing the need for manual conversion.



Overview

Digital Rockwell Hardness Tester TH500

The TH500 is a precision-engineered instrument designed for mechanical Rockwell hardness testing in professional environments. It offers a practical and economical solution for measuring the hardness of various metallic materials, including hardened steel, aluminum alloys, and copper. With its digital display and closed-loop control system, it provides high accuracy and repeatability, making it an essential tool for quality control and material research.

Technical Specifications

Key Features

- Digital display for direct reading
- Closed-loop control system
- Automatic test cycle
- Wide measurement range
- Simple operation

Supported Materials

Hardened Steel, Tempering Steel, Steel Rolling, Annealing Cold Malleable Iron, Aluminum Alloy, Copper

Accessories

Included Accessories

Accessory	Quantity
Diamond Rockwell Indenter	1
1.5875mm Ball Indenter	1
Hardness Block (HRC high/low, HRB)	3
Weights (A, B, C)	3
Testing Tables (Large, Medium, V-shaped)	3
Plastic Dustproof Cover	1
Manual	1
Product Certificate	1