

Electronic Brinell Hardness Tester

This hardness tester combines a precise mechanical structure with a high-accuracy pressure transducer and a microcomputer control unit. Innovative closed-loop technology improves the tester's stability and accuracy.



Overview

Precision Brinell Hardness Testing

This Electronic Brinell Hardness Tester utilizes an advanced closed-loop technology and a high-accuracy pressure transducer to deliver superior stability and measurement precision. Designed for laboratories, workshops, and inspection facilities, it replaces traditional weight-block systems with a load-cell driven mechanism for consistent, reliable performance. The system offers an intuitive operation interface, making it an essential tool for quality control and metallurgical material analysis.

Technical Specifications

Load System	Load-cell driven, closed-loop technology
Key Features	Closed-loop technology, High accuracy pressure transducer, Microcomputer control, Automated testing cycle

Standard Accessories

Included Components

Item	Quantity
Steel ball indenter ($\text{AE}2.5, \text{AE}5, \text{AE}10$)	1 pc each
Testing table (Big, Small, V-type)	1 pc each
Standard hardness test block (HBW10/3000)	1 pc
Standard hardness test block (HBW5/750)	1 pc
20x reading microscope	1 pc
Spare fuse (2A)	2 pcs

Applications

Recommended Environments

- Laboratories
- Workshops
- Tool rooms
- Inspection labs