

# 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