

Digital Brinell Hardness Tester

This hardness tester directly measures indentation via microscope, displaying diameter and hardness value. It includes 17 hardness testing comparison tables and HBW range display on the LCD screen.



Product Overview

Precision Brinell Hardness Testing

This Digital Brinell Hardness Tester combines a precise mechanical structure with advanced closed-loop, load-cell driven technology to deliver exceptional stability and accuracy. It features a microcomputer control system and an integrated optical microscope for direct indentation measurement, ensuring reliable, repeatable readings. Designed for versatility, it is an ideal solution for laboratories, tool rooms, and inspection facilities requiring rigorous quality control.

Technical Specifications

Measurement Method	Brinell Hardness (HBW)
Microscope Magnification	20 x
Connectivity	RS232 Interface, Printer Optional

Standard Accessories

Included Indenters

- $\text{AE}2.5\text{m}$ Steel Ball
- $\text{AE}5\text{m}$ Steel Ball
- $\text{AE}10\text{m}$ Steel Ball

Testing Tables

- Big Testing Table
- Small Testing Table
- V-Shape Testing Table

Standard Hardness Blocks

- HBW10/3000 (150-250 HBW)
- HBW5/750 (150-250 HBW)