

Digital Micro Vickers Hardness Tester

This hardness tester integrates a precise mechanical structure with a high-definition optical measuring system. It automatically calculates hardness values after diagonal length input and employs automatic loading and unloading.



Product Overview

Precision Microhardness Testing

The Digital Micro Vickers Hardness Tester is a precision instrument engineered for accurate microhardness evaluation across various materials. It features a high-resolution optical system for precise indentation measurement and a digital display that simplifies reading hardness values. Ideal for quality control, material research, and failure analysis, this device is particularly effective for testing small or thin specimens, surface coatings, and heat-treated layers.

Included Accessories

Standard Delivery Kit

- 6 pcs Weights
- 1 pc Weight axis
- 1 pc Cross testing table
- 1 pc Platelet fixture
- 1 pc Plane-holding fixture
- 1 pc Filament fixture
- 2 pcs Screw drivers
- 4 pcs Horizontal regulating screws
- 1 pc Level
- 1 pc Power cable
- 2 pcs Repair fuses (1A)
- 1 pc 10x digital micro eyepiece
- 2 pcs Vickers hardness blocks
- 1 pc Usage instruction manual

Technical Features

Compatible Specimen Types

Small Specimens • Thin Specimens • Surface Coatings • Heat-treated Layers

Primary Applications

Quality Control, Material Research, Failure Analysis, Metallurgy, Electronics, Automotive