

# Vickers Hardness Tester

Micro, Digital, Koop Optional

## DHV-1000 /// Digital

DHV-1000 is a precise testing system suitable for hardness analysis of metallic specimens in metallography laboratories or production environments.

Suitable for ferrous metal, non-ferrous metals, IC thin sections, coatings, ply-metals; glass, ceramics, agate, precious stones, thin plastic sections etc.; hardness testing such as that on the depth and the trapezium of the carbonized layers and quench hardened layers.

### Reliability & Repeatability

- Closed-loop loading control system improves the accuracy of test force, higher repeatability and stability
- Automatic switching between the objective lens and indenter

### Easy Operation and Output

- LCD screen display mode, force, indentation length, dwell time, numbers and conversion scale
- Digital micrometer eyepiece, press the eyepiece button to automatically calculate and display hardness value
- LCD video measuring device or CCD image automatic measuring system (optional), Knoop indenter (optional)



Order Code: 13-01120  
 Dimension: 480 W \*325 D \*545 H mm  
 Execute Standard:  
**ISO 6507, ASTM E384, JIS Z2244**

### Main Parameter

Item	Spec.
Main Load	10-1000 gf / 0.098-9.8 N
Test Range	1-2967 HV
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	LCD Display
Sample Height	0~90 mm
Throat Depth	100 mm
Magnification	100×, 400×
Conversion Scale	HK, HRA, HRBW, HRC, HRD, HRGW, HRKW, HR15N, HR30N, HR45N, HR15TW, HR30TW, HR45TW, HBW



10× Digital Microscope

### Main Accessory



XY Table

Size:100×100mm Travel:25×25mm  
 Resolution:0.01mm



Objective

10×, 40×



Indenter

Diamond Vickers