

Vickers Hardness Tester

Micro, Touchscreen, Koop Optional

THV-1000 // Touchscreen

THV-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

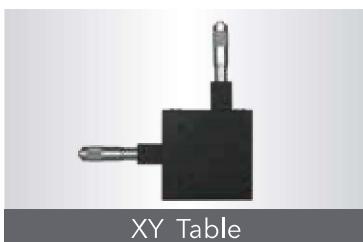
Easy Operation and Output

- High-definition touch screen, intuitively display test force, dwell time, indentation length, conversion scale, time
- Digital micrometer eyepiece, press the eyepiece button to automatically calculate and display hardness value
- Automatic calculation of maximum, minimum and average values
- Real-time storage of hardness test data, data classification, optional deletion and printout (Built-in printer and RS232 interface)
- LCD video & CCD image automatic measuring system (optional), Knoop indenter(optional)

Main Parameter

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

Main Accessory



XY Table

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



Objective

10×, 40×



Digital Microscope

10×



Order Code: 13-01140

Diamension: 480 W *325 D *545 H mm

Execute Standard:

ISO 6507, ASTM E384, JIS Z2244

