

Distinctive "performance" and "design"
The leader of 4th-generation digital testers

KMT



HV-101S / Vickers Hardness Tester

► Summary

The hardness tester is to indicate the hardness of the specimen by measuring the depth by pressing the entrance of the diamond cone or steel ball into the specimen. It is easy to operate and widely used in soft, hard metal, non-ferrous metal, nonmetal

► Features

- International leading design, improve user experience
- Real-time display, make testing process clearly
- Full function, 8 inch LCD touch screen, easy operation
- Using imported components, ensure the machine running smoothly

■ DETAILED INFORMATION

► Specification

Model : HV-101S (CE certificate No. : GB/1067/3980/12 Issue 1)

Turret : Automatic

Hardness scale : HRA, HRB, HRC, HRD, HK, HBS, H15N, H30N, H45N, H15T, H30T, H45T

Hardness conversion scale :

HRA, HRB, HRC, HRD, HK, HBS, H15N, H30N, H45N, H15T, H30T, H45T

Testing Force : 500g(4.9N), 1kg(9.8N), 2kg (19.6N), 3kg(29.4N), 5kg(49N), 10kg (98N)

Loading speed : $\leq 50\mu\text{m}/\text{sec}$

Indenter : Standard Rectangular pyramid diamond indenter ($136^\circ \pm 0.5^\circ$)

Min. Measuring Unit : $0.02\mu\text{m}$

Hardness Value Range : 8HV-3000HV

Hardness Value of Reading : Digital LCD Screen (62x44mm)

Total Magnification : 100X (For Observation) 200X (For Measurement)

Loading Method : Automatically (Load, dwell and unload)

Dwell Time : 1-99s (each step is 1 second)