



HV-1000 Micro Vickers Hardness Tester

HV-1000 Micro Vickers Hardness Tester adopts LCD screen to display. By mean of control keys, HV or HK hardness scales, testing force and duration time can be selected and brightness of light source can be adjusted without steps. With measuring microscope, it may test out the length values of diagonals D1 and D2, then press the keys to input the length values, and the hardness values will be displayed on the LCD screen. Operation is easy.

Usage Range: Heat treated layer, carbonized layer, hardened hard layers, superficial coating, steels, non-ferrous metal, micro and thin shaped components.

Technical Specifications

Testing Force	10g (0.098N)、25g (0.245N)、50g (0.49N)、100g (0.98N)、200g (1.96N)、300g (2.94N)、500g (4.9N)、1000g (9.8N)
Min Measuring Unit	0.5μm
Magnification of Microscope	100X For Observation .400X For Measurement
Loading Method	Automatically (load, keep, unload)
Overall Dimension	405×290×480mm
Net Weight	25kg
Max Height of Specimen	65mm
Power Supply	AC220V±5%,50~60Hz
X-Y Testing Table	Dimension:100×100 mm. Max. Travel Range: 25×25mm
Standard Accessories	Objectives 40x and 10x, Vickers Indenter, Microscope 10x, Standard Hardness Brocks: 2 pcs, Thin Specimen Testing Table, Column Testing Table, Forcipate Testing Table, Lever, Power Cable, Assistant Tools, etc