

# 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

<b>Testing Force</b>	10gf (0.098N) 、25gf (0.245N)、 50gf (0.49N)、 100gf (0.98N )、 200gf (1.96N)、 300gf (2.94N)、 500gf (4.9N)、 1000gf (9.8N)
<b>Exchanging Scales</b>	Rockwell,Superficial Rockwell,Brinell
<b>Min Measuring Unit</b>	0.5μm
<b>Magnification of Microscope</b>	100X(For Observation) 400X(For Measurement)
<b>Dutation Time</b>	0~60 sec selectable,In step of 5 sec
<b>Loading Control</b>	Automatically (load, keep, unload)
<b>Overall Dimension</b>	405×290×480mm(L×W×H)
<b>Net Weight</b>	25kg
<b>Max Height of Speciment</b>	85mm
<b>Max depth of speciments</b>	95mm
<b>Power Supply</b>	AC220V±5%, 50~60Hz
<b>Carried Standard</b>	GB/T4340(1.2) Chinese Standard
<b>Standard Accessories</b>	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



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