

Desktop Hardness Test Equipment, Micro Vickers Hardness Tester HVS-1000



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HVS-1000 Desktop Hardness Tester

Description:

HVS-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.

Applications:

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

Specifications:

Testing Force	10gf (0.098N),25gf (0.245N),50gf (0.49N),100gf (0.98N), 200gf (1.96N),300gf (2.94N),500gf (4.9N),1000gf (9.8N)
Exchanging Scales	Rockwell,SuperficialRockwell,Brinell
Min Measuring Unit	0.031μm
Magnification of Microscope	100X(For Observation) 400X(For Measurement)
Data Output	Inside Printer and RS-232 Interface
Dutation Time	0~60 sec selectable,In step of 5 sec
Loading Control	Automatically (load, keep, unload)

Overall Dimension	405x290x480mm(LxWxH)
Net Weight	25kg
Max Height of Speciment	85mm
Max depth of specimens	95mm
Power Supply	AC220V±5%,50~60Hz
Carried Standard	GB/T4340(1.2) Chinese Standard
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