

HST-HVS-1000ZTH Auto-Turret Touch Screen Micro Vickers Hardness Tester



Description:

HST-HVS-1000ZTH touch screen automatic turret digital display microhardness tester is mainly used for micro Vickers hardness determination of various metals and some non-metallic materials.), non-ferrous metals, heat post-treatment parts, various tiny and thin parts, glass, ceramics, agate, gemstones, etc. for hardness determination, and is also suitable for carbonization, effective depth of quench hardening layer, coating layer, surface coating and welding Determination of heat-affected parts of parts. It can also be used to observe the internal metallographic structure of various metal parts and to collect, display and print out images. It is especially suitable for measuring the hardness gradient distribution curve of the workpiece and measuring the surface hardness and effective hardened layer depth of the gear after heat treatment.

Technical Parameter:

Name	Specification
Test force	10gf, 25gf, 50gf, 100gf, 200gf, 300gf, 500gf, 1kgf
conversion scale	0.098N, 0.245N, 0.49N, 0.98N, 1.96N, 2.94N, 4.9N, 9.8N
Smallest unit of measure	HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HBS, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
Test mode	0.0025μm
Hardness test range	HV/HK
Test force application method	5~3000HV
Turret rotation method	Automatic (loading, holding, unloading)
Objective lens	automatic
Eyepiece	10X, 40X
Total magnification	10X
Test force dwell time	100X (observation) 400X (test)
X-Y test bench size	1~60s
X-Y test bench maximum movement	100*100mm
Data output	25*25mm
Maximum height of specimen	Touch screen readout, built-in printer
Distance from the center of the indenter to the inner wall	90mm
Power supply	110mm
Executive standard	AC220V±5%, 50~60Hz
Dimensions	ISO 6507, ASTM E384, JIS Z2244, GB/T 4340.2
Host weight	405*290*480mm
Weight	About 40KG