

HTMV-1000ATH Auto-Turret Touch Screen Micro Vickers Hardness Tester



19 YEARS

Development Base of Advanced Testing Machine Of China



Description:





HTMV-1000ATH 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.

Features:

- This product adopts a unique and precise design in terms of machinery, optics and light source, which makes the indentation image clearer and the measurement more accurate. It adopts a new touch screen display, and the operation interface adopts a menu structure. The hardness scale HV or HK can be selected on the operation panel, and the tested hardness value is automatically calculated and displayed. Various hardness values can be converted to each other.
- The machine is equipped with a 10x digital display measuring microscope and a 40x objective lens, both of which can participate in the measurement, making the measurement range wider and the application range wider. It also uses a touch screen, which is more intuitive and clearer in operation, and can display test methods and tests on the screen. Force, indentation length, hardness value, test force holding time, measurement times, date, time, hardness conversion value and other functions. It has the functions of scale conversion, storage, printing, etc., and has a threaded interface for connecting digital cameras and CCD cameras, which is convenient for matching with computers and hardness analysis and measurement software.
- Hardness tester control panel: The operation interface adopts a humanized format, with Chinese and English language switching display functions, suitable for multi-national personnel to operate conveniently. The menu function classification is clear and detailed, and the lighting brightness, menu selection and objective lens selection all have memory functions.
- Light source components: using halogen lamps, the imaging effect is clearer

Product advantages:

<p>It has the functions of data storage query and average calculation. The dot positioning adopts the three-point card position to be more accurate, and the repeated dot position does not deviate. The support shrapnel is made of imported special custom-made materials with high toughness, high fatigue resistance, and is not easy to deform.</p>	
<p>The operation interface adopts a 7-inch LCD touch screen, which can directly switch between Chinese and English, and is suitable for convenient operation by personnel from multiple countries. The menu function classification is clear and detailed, and the lighting brightness, menu selection and objective lens selection</p>	

<p>all have memory functions.</p>	
<p>The workbench lift adopts the worm gear operating system, and the transmission is more stable</p>	
<p>Using a quality micrometer, the imaging is clearer and the measurement is more accurate</p>	
<p>Equipped with a flat-mouthed holding table and a filament holding table, it can fix tools of different shapes</p>	
<p>Genuine hardness measurement software is optional</p>	

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

Why choose us!

19 YEARS

Professional focused on testing equipment

KASON is established in 2003,owns more than 8000 square meters factory.has a professional sales teams, modern enter prise technology center,scientific and technological research and development team.

Machines passed the European CE authentication,American FDA certificate and and ISO 9001.

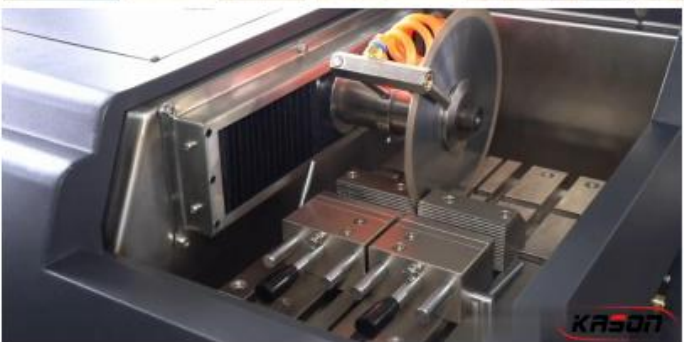
Products sold to USA, Canada, Australia, Europe, Africa etc,more than 130 countries and supply OEM service for many customers

PROFESSIONAL TEAM

KASON has a professional sales teams, modern enter prise technology center,scientific and technological research and development team.



METALLURGICAL PRODUCT SHOW



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