

HVS-1000A automatic turret digital display micro-vickers hardness tester



The picture is for reference only

HVS-1000A automatic turret digital display micro-vickers hardness tester LCD display screen is adopted, and the operation interface adopts menu structure. The hardness scale HV or HK can be selected on the operation panel. The hardness value tested will be automatically calculated and displayed. Various hardness values can be converted to each other.

The hardness error can be corrected by software input to make the hardness more accurate.

Test results can be automatically stored, processed and printed

The HVS-1000 digital display microhardness tester has manual switch between the head and the objective lens during the test, and the test point positioning is accurate.

Application:

Heat treatment, carbonization, hardening layer, surface coating, steel, nonferrous metals, small and thin parts, etc.

Technical Parameter

Model	HVS-1000A
Test force	10gf (0.098N)、25gf (0.245N)、50gf (0.49N)、100gf (0.98N)、200gf (1.96N)、300gf (2.94N)、500gf(4.9N)、1kgf (9.8N)
Minimum test unit	0.031μm
Exchange Scales	HRA、HRB、HRC、HRD、HRF、HV、HK、HBW、HR15N、HR30N、HR45N、HR15T、HR30T、HR45T
Measuring range	5~3000HV
Test method of force application	Automatic(loading, dwelling,unloading)
Test microscope magnification	100X (objective) 400X(measurement)
Test load dwell time	0~60s
X-Y table	size: 100*100mm Mx. movement: 25*25mm
data output	LCD display, Built-in printer and rs-232 interface
Max Height of Specimen	110mm
Distance from the center of the head to the outer wall	110mm
power supply	AC220V+5%, 50-60Hz
Dimensions	405*290*480mm
Weight	40Kg





MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive Annex VIII has been taken as references for these processes.

Company Name : **JINAN HENSGRAND INSTRUMENT CO., LTD.**
Company Address : NO.4915, WEST JINGSHI ROAD, JINAN, CHINA
Related Directives and Annex : **2006/42/EC Machinery Directive/Annex VIII**
Related Standards : **EN ISO 12100:2010, EN 60204-1:2018**
Product Name : **TESTING MACHINE**
Report No and Date : TCF-JHIC230128-MD
Product Brand/Model/Type : WDS-1, WDS-2, WDS-3, WDS-5, WDS-10, WDS-20, WDS-30, WDS-50, WDS-100, WDS-200, WDS-300, WDS-500, WDW-1, WDW-2, WDW-3, WDW-5, WDW-10, WDW-20, WDW-30, WDW-50, WDW-100, WDW-200, WDW-300, WDW-500, WDW-600, WDW-1000, WE-300, WE-600, WE-1000, WE-2000, WEW-300, WEW-600, WEW-1000, WEW-2000, WAW-300, WAW-600, WAW-1000, WAW-2000, WAW-3000, WAW-5000, WAW-6000, LAW-1000, JB-300B, JBS-300, JBW-300, JB-500B, JBS-500, JBW-500, JBW-750, CST-50, VU-2Y, VU-1S, DWC-40, DWC-60, DWC-80, DWC-100, DWC-196, YES-2000, YES-300, YAW-1000, YAW-300, YAW-2000, YAW-3000, YAW-5000, NDS-200, NDS-500, NDS-1000, NDS-2000, NDW-200, NDW-500, NDW-1000, NDW-2000, NDW-3000, NDW-5000, NDW-10000, HEZ-3, HEZ-6, HEZ-10, JWJ-10, TLS, TLW, HST-P50, HST-P100, HST-P200, HST-P300, RDJ, NDT, DWTT, GBW-60, GW-50, HST, XNR-400

Certificate Number : **M.2023.206.C81366**
Initial Assessment Date : 31.01.2023
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Reissue Date/No : -
Expiry Date : **31.01.2028**


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