

HVS-100T Touch Screen Digital Vickers hardness tester



The picture is for reference only

Main Features:

1. The user can customize the standard test force;
2. Electric load closed loop control, automatic load is applied;
3. Test force automatic correction, improve the accuracy of the force a number of levels;
4. The hardness value can be automatically corrected as per standard block different forces,;
5. Easy use, it do no need to install weights and transducer for loading test force;
6. Touch screen interface, easy to operate, in any language version;
7. Using a modular design, easy maintenance;
8. Large sample space for placing a large sample;
9. Save more samples and testing information;
10. Set up a password-protected setup parameters;
11. U-disk data saved directly to EXCEL format for easy editing and processing;
12. It can be easy for upgraded to Automatic vickers hardness tester.

Equipped with Touch screen LCD & operation panel.

Test both HV & HK scales (with optional Knoop tester)

Advantage:

1. High Good Values
2. Good Quality (ISO Certification)
- 3 Knoop hardness can be measured with optional indenter
4. Stepless adjustable brightness light source;

Application fields:

Heat treatment, carbide, quench hardened layer,
the surface coating layer, steel,
non-ferrous metal and small and thin shape parts, etc.

Application materials:

--Ferrous metals, non-ferrous metals, IC thin sections,
 --coating layer, ply-metals
 --Glass, ceramics, agate, precious stones, thin plastics, etc
 --Hardness Test such as that on the depth
 and gradient of the carbonized layers and quenched hardened layers.

Technical Specifications:

Model		-HVS-100T
Turret Type		Manual
Test Force	KGF (N)	1.0 Kgf(9.8N)、2.0Kgf(19.6N)、2.5Kgf(24.5N)、 3.0Kgf(29.4N)、5.0Kgf(49.0N)、10.0Kgf(98.0N)、 20.0Kgf(196N)、30.0Kgf(294N)、50.0Kgf(490N)、 100.0Kgf(980N)
Min. Test Unit		0.125μm (Optional: 0.0625um)
Max Height of Specimen		180mm
Distance from Indenter to Out Wall		160mm
Hardness Test Range		5HV~5900HV
Method of Test Force Applied		Automatically Load and Unload Test Force
Test Microscope Amplification		100X(observation)、 200X(Measuring), (Optional for :50X,400X)
Object Lens Amplification		10X、20X Optional for: 5 X、40X(50X)
Output		U disk
Dwelling time		0~99S (input any time by key)
Dwell Time		0~99s (1 second as a unit, optional key in)
Power Source		AC220V+5%,50-60Hz
Overall Dimension		560*260*670mm
Net weight		About 40Kg



Authentication Certificate of Quality Management Systems

Registration No. 19924Q01775R1S

This is to certify that

JINAN HENSGRAND INSTRUMENT CO., LTD.

Unified Social Credit Code: 91370104684680659H

Registered/Office/Production Address: No. 4915, Jingshi
West Road, Huaiyin District, Jinan City, Shandong Province

Is in conformity with:

GB/T 19001-2016/ISO 9001:2015

The certificate is valid for the following scope:

Trial assembly and sales of equipment

This certificate should be used effectively with the legal requirements of the administrative license,
qualification license, compulsory certification, which the certification scope involved.

In the case that the organization regularly receives surveillance assessments,
the certificate shall be valid when used together with the Quick Response Code.

Date of Issue: 2024-12-31
Date of Expiry: 2027-12-30
Date of Initial Certification: 2021-12-31
Date of Change: 2024-12-31


General Manager



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C182-M

China Standard Huaxin (Beijing)
Certification Center Co., Ltd.



Address of Certification Authority: 5 Floor, YuQuan Building, No.3 Shijingshan Road, Shijingshan District, Beijing. Tel: 010-88255986 P.C.: 100049
Note: The detailed information is available on the Certification and Accreditation Administration of the People's Republic of China official website
(www.cnca.gov.cn) the authority's website(www.cshcc.cn) and the Quick Response Code on the left.



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
Registration Date : 01.02.2023
Reissue Date/No : -
Expiry Date : **31.01.2028**


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