

## KASON HTV -10I Intelligent Computerized Macro Vickers Hardness Tester

**KASONTTEST**



(Picture just for reference)

### **Application:**

1. Steel, nonferrous metals, tinsel, cemented carbide, sheet metal, metallographic structure.
2. Carburization, nitriding and decarburization layer, surface hardening layer, galvanized coating, coating.
3. Glass, chip and ceramic material.

### **Main features:**

1. Closed loop design with high accuracy load cell, no need to install dead weights, let installation more easy and loading - dwell - unloading automatically, easy operation
2. With load automatic correct function, greatly improved test accuracy and let calibration more easy
3. Modular design, simple maintenance
4. With hardness conversion function, from HV hardness value can covert to HR, HB, HK, etc.

5. With HV/HK test function

6. One-time casting iron molding shell ensure structure more stable; Adopted car painting technology, new appearance design looking more decent; High scratch resistance capability, used for years still brightness like new.

**Parameter:**

Model	KASON HTV -10I
Turret	Automatic (motorized switch)
Force loading	Automatic loading - dwell - unloading
Testing Force	0.1Kgf(0.98N), 0.2Kgf( 1.96N), 0.3Kgf (2.94N), 0.5Kgf (4.90N), 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)
Hardness Scale	HV0.1, HV0.2, HV0.3, HV0.5, HV1, HV2, HV2.5, HV3, HV5, HV10
Conversion Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T,HR45T
Hardness range	5-4000HV
Eyepiece	10X digital eyepiece with built-in encoder, automatic calculate data
Objective	10X, 20X
Magnification	100X (measurement), 200X (measurement)
XY work table with digital meter head	Dim.:100x100 mm, Max. Travel Range: 25x25mm, Moving Resolution Ratio: 0.001mm
Dwell time	1-99S (1 second per step)
Data output	Touch screen display
Test space	130mm x 130mm (Height x Depth)
Power supply	AC220V, 50Hz
Standard	ISO 6507, ASTM E92, JIS Z2244, GB/T 4340.2
Overall Dimension	686*302*526mm



## Authentication Certificate of Quality Management System

Registration No.19922Q01072R0S

This is to certify that

**Jinan Kason Testing Equipment Co., Ltd.**

Unified Social Credit Code: 9137010458994939X0

Registered/Production Address: No. 4715, Jingshi West Road,

Huaiyin District, Jinan City, Shandong Province

Office Address: Room 2-1108, Harmony Square, Huaiyin District, Jinan City

Is in conformity with :

**GB/T 19001-2016/ISO 9001:2015**

The certificate is valid for the following scope :

Assembly and sales of testing machines

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: 2022-07-19

Date of Expiry: 2025-07-18

Date of Initial Certification: 2022-07-19

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	: <b>Jinan Kason Testing Equipment Co., Ltd.</b>
Company Address	: No.4715, Jingshi West Road, Huaiyin District, Jinan, Shandong, China
Related Directives and Annex	: <b>2006/42/EC Machinery Directive/Annex VIII</b>
Related Standards	: <b>EN ISO 12100:2010; EN 60204-1:2018</b>
Product Name	: <b>Testing Machine</b>
Report No and Date	: <b>TCF-JKTE230605-MD</b>
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, WDW-1E, WDW-2E, WDW-3E, WDW-5E, WDW-10E, WDW-20E, WDW-30E, WDW-50E, WDW-100E, WDW-200E, WDW-300E, WDW-500E, WDW-600E, WDW-1000E, ETM103, ETM203, ETM303, ETM503, ETM104, ETM204, ETM304, ETM504, ETM105, WE-300D, WE-600D, WE-1000D, WE-2000D, HUT305S, HUT605S, HUT105S, HUT126S, WEW-300D, WEW-600D, WEW-1000D, WEW-1200D, WEW-2000D, WEW-3000D, HUT305E, HUT605E, HUT105E, HUT126E, HUT-A306E, HUT-A206E, WAW-300D, WAW-600D, WAW-1000D, WAW-1200E, WAW-2000E, WAW-3000, WAW-2000A, WAW-3000A, WAW-4000A, HUT-A206W, HUT-A306W, HUT-A406W, HUT305W, HUT605W, HUT105W, HUT126W, WAL, LAW, HUT-L, JB-300, JB-300B, JB-500B, JBS-300, JBS-500, JBW-300, JBW-500, JBDW-300, JBDW-500, CST-50, VU-2Y, VU-1S, DWC-40, DWC-60, DWC-80, DWC-100, DWC-196, YES-1000, YES-2000, YES-3000, 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, EZ-1, EZ-3, EZ-10, JWJ-10, TLS, TLW, HWS, PLS-20, PLS-50, PLS-100, PLS-300, PLS-500, PLS-1000, KASON-1, RDJ-10, RDJ-20, RDJ-50, RDJ-100, DWTT-20000, DWTT-30000, DWTT-40000, DWTT-50000, DWTT-80000, DWTT-100000, PIT-302, PIT-302M, PIT-502, PIT-502M, PIT-302T, PIT-502T, PIT-302W, PIT-302TW, PIT-502W, PIT-502TW, PIT302CW, PIT452CW, PIT602CW, PIT752CW, PIT302CT, PIT452CT, PIT602CT, PIT752CT, PFD302W, PFD502W, PFD302T, PFD502T, PFD302CW, PFD302CT, PFD452CW, PFD452CT, PFD752CW, PFD752CT, PFD302G, HCT106, HCT206, HCT306, KSC1M, HYJ, HEZ-3, HEZ-5, HEZ-10, HEZ-20, KSBT-10, KASON 370.02, KASON 370.05, KASON 370.10, KASON 370.25, KASON 370.50, MMW, GBW-60B, GBS-60B, HUT, ETM, XNR, GW-40, GW-50, MBS, MMU, MRH, GBW, GW, LSW, HBT, GLY, G-CJ-1000, GWQ-1000, GNZ-1000, GQR-1000, GJR-300, GSS-1000, GMS-100, GTW-500, GQC-5, GCG-100, HR-150A, HRD-150, HRS-150, XHR, HB, HVS, HV, HBRV, W-20, HBA-1, LHT, Q-2A, MP-2, XQ-2B, XD-30M, 4XC, 4XB, JSZ, MOPAO, MPT, P, MP, BG, LBG-32, MPJ-35, Q-Z, Q-100B, SQ, Q-3A, QG-4, LSQ, LDQ, GTQ-5000A, GTQ-5000B, DTQ, ZKQ, 4XC, HST, KASON, KS, KSCUT, HTR, HTPR, HTB, HSTR-45S, HTV, HTMV, HTRV, METRPRESS, MPJ

Certificate Number	: <b>M.2023.206.C86313</b>
Initial Assessment Date	: 07.06.2023
Registration Date	: 08.06.2023
Reissue Date/No	: -
Expiry Date	: <b>07.06.2028</b>

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**Address:** Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya - Ankara - TURKEY

**Phone:** +90 0312 443 03 90 **Fax:** +90 0312 443 03 76

**E-mail:** [info@udem.com.tr](mailto:info@udem.com.tr) [www.udem.com.tr](http://www.udem.com.tr)



# FOCUS IN MATERIAL TEST

**KASONTTEST**®

JINAN KASON TESTING  
EQUIPMENT Co., LTD.

Duandian Industrial Park , Jingshi Road, Jinan City, China.

P: +86 159 10081986

E: admin@jnkason.com | W: www.syjlab.com

