

Robot Full Automated universal Testing Machine



(Picture just for reference)

1.Summary

This robotic provides fully automatic tensile test, including specimen loading, cross-section measuring, testing, specimen unloading, and data processing.

Operators prepare specimens and position specimen on specimen rack. All processes are automatic: Robot will pick up specimen to measure cross-section, align the specimen and mount on grip, Extensometer automatic gauge length adjusting, test, test data judging and processing, and collect broken specimens. Without changing any accessories (such as fixtures, etc.) of the test machine and without any adjustment or setting by the operator, the test specimens of various specifications can be continuously tested under different tensile conditions.

2.Parameters:

Name	KASON-E600-AR	KASON-E1000-AR
Capacity	600kN	1000
Force range	0.4%-100%FS	
Accuracy	Class 0.3	
Force reading accuracy	±0.3%	
Reversibility	±0.75%	
Repeatability	±0.3%	
Force resolution	0.6N	
Overload	120%	
displacement accuracy	±0.5%	
Position resolution	0.02μm	
Force loading rate	0.005~5%FS/s	
Force loading accuracy	±1% of setting	
Horizontal test space	650mm	
Vertical test space	700mm	
Crosshead speed	0.001~250mm/min	
Crosshead speed accuracy	Speed<0.01mm/min, within ±1% of setting, Speed≥0.01mm/min, within ±0.2% of setting	
Constant force and displacement control range	0.5%~100%FS/s	
Constant force and displacement control accuracy	Setting value≥10%FS, within ±0.1% of setting, Setting value<10%FS, within ±0.1% of setting	
Gauge length	15~205mm	
Gauge length accuracy	0.5% or 0.1mm, whichever is bigger	
Maximum travel	80mm	
Resolution	0.0005mm	
Specimen clamping range	5~50mm	



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



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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 Kason Testing Equipment Co., Ltd.**
 Company Address : No.4715, Jingshi West Road, Huaiyin District, Jinan, Shandong, 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-JKTE230605-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, 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, TIS, TLW, HWS, PLS-20, PLS-50, PLS-100, PLS-300, PLS-500, PLS-1000, KASON-1, RDJ-10, RDJ-20, RDJ-50, RDJ-100, DWIT- 20000, DWIT-30000, DWIT-40000, DWIT-50000, DWIT-80000, DWIT- 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, PIT752CT, PTD302W, PTD502W, PTD302T, PTD502T, PTD302CW, PTD452CT, PTD452CW, PTD752CW, PTD752CT, PTD302G, HCT106, HCT206, HCT306, KSCM, 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, MRS, MMU, MRH, GBW, GW, LSW, HBT, GLY, GCJ-1000, GWQ-1000, GNZ-1000, GQR-1000, GJR-300, GSS-1000, GMS-100, GTW-500, GQC-5, GGG-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, 4XCE, 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, ZXQ, 4XC, HST, KASON, KS, KSCUT, HTR, HTPR, HTB, HSTR-455, HTV, HTMV, HTBRV, METRPRESS, MPJ

Certificate Number : **M.2023.206.C86313**
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 Registration Date : 08.06.2023
 Reissue Date/No : -
 Expiry Date : **07.06.2028**


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