



KASON-EQM- 3000-3 End Quenching Test Machine



19 YEARS

Development Base of Advanced Testing Of China

Application

End quenching test machine meets GB / T225-2006, ASTM A 255, DIN 50191, ISO 642 "End quenching test method for steel quenching permeability (Jominy test)". Suitable for high quality carbon, alloy structure steel, spring steel, tool steel, bearing steel and other steel quenching performance test.

This series is divided into three models according to the work numbers:

Sample working number:	3	5	7
Model number:	KASON-EQM-3000-3	KASON-EQM- 3000-5	KASON-EQM-3000-7

Product characteristics

PLC for the whole process control, accurate and reliable;

Touch screen parameters set, easy to operate;

Water spray control mode: Automatic (high-sensitivity photoelectric sensor) Manual control (manual on and off).

Temperature control: in the ambient temperature of 0-50 degrees can ensure the long-term stability within 20 ± 3 degrees, better than the national standard;

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Water spray height: each station is adjusted independently, accurate and stable;

The relative spatial position of the center of the bottom sample and the nozzle of the sample (X \ Y \ Z, coaxiality, etc.): adjusted respectively, convenient and accurate adjustment;

The whole use of 304 stainless steel production;

With the cooling water level alarm, the water level reaches the set value, the automatic alarm reminder to add cooling water;

Super-large auxiliary heating function (standard 1.0KW, optional 2.0 or 3.0KW), when the ambient temperature is lower than the set value, the auxiliary heating device will automatically start together with the heating of the refrigerator



Technical parameter

Model	KASON-EQM- 3000-3	KASON-EQM-3000-5	KASON-EQM-3000-7
Working number (pc)	3	5	7
Water pump (set)	3	5	7
Water spraying time (min)	0-99min (can be set arbitrarily)		
Water column nozzle diameter (mm)	12.5		
Water-column (mm)	65+-5(Each water column can be adjusted individually)		
Distance from water column to sample end surface (mm)	12.5+-0.5 (Can adjust)		
Inner hole diameter of the sample stent (mm)	26		
Rated flow of the pump (l/min)	200		
Cooling water temperature (°c)	20+/-3		
Compressor size (batch)	1.5		
Power supply	220		
Auxiliary heating power	1.0KW(optional 2.0 or 3.0KW)		
Outline size (mm)	1472*710*1030		
Weight (kg)	100		




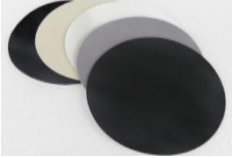






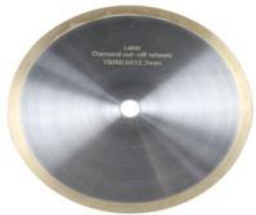

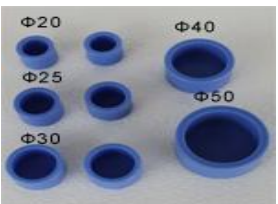



Recommended supporting use

End quenching heating furnace six side heating, uniformity, furnace temperature uniformity: 3.0°C

Automatic / manual moving sample for the end quenching test

The automatic end quenching curve test Harrometer automatically completes the quenching permeability curve measurement of six samples with one key.

Metallographic consumables

			
Diamond cutting piece	Resin cutting sheet	Metallographic sandpaper	Polishing cloth
			
Alumina polishing powder	Cold/hot mosaic powder	Coolant	Diamond paste
			
Polishing plate	Diamond polishing agent	Diamond cutting piece	Mounting material
			
Die for cold Mounting	Metallographic sandpaper	Metallographic sandpaper	MEGULAR

CE certification



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-3000, WE-6000, WE-10000, WE-20000, HUT305S, HUT405S, HUT105S, HUT126S, WEW-300D, WEW-600D, WEW-1000D, WEW-1200D, WEW-2000D, WEW-3000D, HUT305E, HUT405E, HUT105E, HUT126E, HUT-A306E, HUT-A206E, WAW-3000, WAW-6000, WAW-10000, WAW-1200E, WAW-2000E, WAW-3000, WAW-2000A, WAW-3000A, WAW-4000A, HUT-A206W, HUT-A306W, HUT-A406W, HUT305W, HUT405W, 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, VHS-V, VU-1S, DWC-40, DWC-60, DWC-80, DWC-100, DWC-150, YES-1000, 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, EZ-1, EZ-3, EZ-10, JWJ-10, TLS, TLW, HVS, 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-502W, PIT-502TW, PIT-302CW, PIT452CW, PIT602CW, PIT752CW, PIT302CT, PIT452CT, PIT602CT, PIT752CT, PITD302W, PITD502W, PITD302T, PITD502T, PITD302CW, PITD302CT, PITD452CW, PITD452CT, PITD752CW, PITD752CT, PITD302G, HCT106, HCT206, HCT304, KSCTM, 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, GFW-500, GQC-5, GQC-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, MOPA0, MPT, P, MP, BG, LBG-32, MPJ-3.5, Q-2, Q-100B, SQ, Q-3A, QG-4, LSQ, LDQ, GTQ-5000A, GTQ-5000B, DTQ, ZXQ, 4XC, HST, KASON, KS, KSCLUT, HTR, HTPR, HTB, HSTR-45S, HTV, HTMV, HTBRV, METRPRESS, MPJ

Certificate Number : **M.2023.206.C86313**

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ISO certification



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Products for Materials Testing

V2024-3-EN

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