

TMJ-9709 THERMAL SHOCK TESTER***Specifications**

LCD LIQUID CRYSTAL DISPLAY (THERMAL SHOCK FOLLOW CHAT DISPLAY FUNCTION)

* Pre-heat and cooled range :

Heat Range : 60.0°C – 200.0°C

Cool Range : -10.0°C – -65.0 °C

* Thermal shock Range:

High Temperature Range : 60.0 °C – 150.0°C

Low Temperature range : -10.0 °C – -55.0°C

* Testing Standard

150.0°C (within 5min) --- -55.0°C (within 5min)

120.0°C (within 5min) ----RT(within 5min) ----

- 55.0°C (within 5min)

-40.0°C ----- 90.0°C Within 3 min

* Resolution : 0.1°C

* Uniformity : ±2.0°C

* Inside Dimensions : Testing Area 50 X 40 X 40
(W X H X D)CM

* Outside Dimensions : 160 X 198 X 145
(W X H X D)CM

* Weight : Approx. 1000kg

* Power Supply : 3Ø, 220/415VAC, 4W 50/60Hz

The TMJ- 9709 Thermal Shock Tester is designed To test a wide range of materials including: Films, Textiles, Leather, printing, paints, ink, Automotive parts, aviation industries, Handphone, Electronic parts and components and etc. in testing the materials in drastic change of temperature from either very high temperature to very low temperature or from very low temperature to sudden high of temperature prior to other capability and functionality test.

Through advanced technology and quality engineering T-Machine has produced this Thermal Shock Tester which is accurate and easy to use. Powerful as a stand alone unit The T-Machine 9709 Thermal Shock Tester can be used in laboratory and factory environments.

T-machine guarantees the resolution and accuracy of the machine by providing a traceable calibration certificate free of charge.

International test standards related as following :

CNS-5500, JIS-2603, JIS-2301, ISO-B05C, ISO-D120

MIL.STD-883C, MIL.STD781, MIL.STD-810

MIL.STD-883, BS-5700, DIN-3200 TUV-100

Since 1980 a tradition of leadership in Environmental testing

**Specification are subject to change*

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TECHNICAL SPECIFICATION TMJ-9709 THERMAL SHOCK TESTER

Model	TMJ-9709A	TMJ-9709B
Item		
Inside Dimension (W X H X D)	500 X 400 X 400 mm	700 X 600 X 600 mm
Outside Dimension (W X H X D)	1600 X 1980 X 1450 mm	1800 X 2180 X 1730 mm
Pre-Heat Range	+ 60.00°C ~ +200.00°C	+ 60.00°C ~ +200.00°C
Pre-Cooled Range	0.00 °C ~ -80.00 °C	0.00 °C ~ -80.00 °C
Thermal Shock Range H.T	+60.00 °C ~ +150.00 °C	
Thermal Shock Range L.T	-65.00 °C ~ 0.00 °C	
Thermal Shock Time Range	H. Temp : 150 °C within 30 min L. Temp : - 50 °C within 45 min	
Thermal Shock Testing Time	2 Zone range : 120 °C ~ -50 °C within 3 min 3 Zone range : 120 °C ~ RT within 3 min RT ~ - 50 °C within 3 min	
Temperature Recover Time	Within 3 min (Programmable)	
Resolution	0.01 °C / 1 min	
Interior Material	Sus #304 Stainless Steel Plate	
Exterior Material	Sus #304 Stainless Steel	
Basket	Stainless Steel Material Plate Or Net	
Refrigeration	Cascade Refrigeration System	
Cooling Method	Water Cooling	
Uniformity	Within \pm 2.00 °C	
Sensor	PT 100 3	
Setting Range	Temperature:-100 °C+200 °C / Time:OH 00M ~999H 59M / Cycle:0 Cycle~10000 Cycle	
Related Standards	CNS, MIL, IEC, JIS and other international standards.	

T-MACHINE

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