

TMJ-9709 Thermal Shock Tester

Description

Thermal Shock Tester (TST) is specially designed for today highly demanding environmental testing conditions where sample are tested through a series of high temperature to a very low temperature within second or minutes. Product can be tested in a very short period, saving our testing time. With this TST system, chemically and physically changed or damaged on the tested product can be easily obtained after going through expansion (in high temperature) and constriction (in low temperature).

Feature

1. Fire proof PU insulator and high density fiber glass insulator.
2. Imported high efficiency compressor.
3. Cascade refrigeration system.
4. Use R404, R23 safe refrigerant.
5. Fan ventilation system improves temperature uniformity.
6. PID + SSR micro-computer temperature controller, auto calculation to achieve high accuracy.



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MODEL	TMJ-9709A	TMJ-9709B	TMJ-9709C
SPECIFICATION			
Type	3 Zone (high Temp area, Low Temp area, Test Area)		
Internal (WxDxH)mm	500 x 400 x 400	600 x 500 x 500	700 x 600 x 600
External (WxDxH)mm	1700 x 1258 x 2070	1870 x 1400 x 2210	1820 x 2000 x 2140
Preheat Temp. Range	60°C~180°C / 60°C~200°C		
Precooling Temp. Range	-10°C~-55°C / -10°C~-80°C		
Test Temp. Range	-40°C~150°C / -60°C~180°C		
Preheat / Precooling Time	high Temp area : RT~180°C ≤ 60min Low Temp area : RT~-55°C ≤ 60min / RT~-80°C ≤ 100min		
Test Area Recover Time	-40°C~150°C ≤ 5 min -30°C~80°C ≤ 1 min		
Cooling System	Cascade Refrigeration System		
Power	220V / 380V 3Φ		