



GIANT FORCE

GIANT FORCE INSTRUMENT ENTERPRISE CO., LTD.

Thermal Shock - Air To Air



Feature

- ❑ 2-Zone/3-Zone Stationary Specimen, Exposure By Cooling Air/Hot Air Changeover.
- ❑ The machine is divided into three sections: the high temperature chamber, the low temperature chamber and the testing chamber.
- ❑ The color touch panel control system was made in Japan can display Chinese / English. The big size liquid-crystal LCD(320×240) had been adopted.
- ❑ High formula memory capacity may be set to 100 patterns. The maximum cycle setting is 9999 cycles. The maximum setting of each section is 999Hrs 59Mins.
- ❑ Provided with RS-232C communication interface device, capable of controlling/editing/recording in line linkage with the computer and two set dynamic connection point (TIMER SIGNAL RELAY) and convenient application.
- ❑ Both 2 zone and 3 zone shocks can be chosen.
- ❑ All equipment is fully automatic, and all processes are precisely controlled with P.L.C.'s.
- ❑ If any part of the machine malfunctions, the machine will automatically shuts down and a warning light switches on.
- ❑ Machine can be shut down manually in case of electrical power instabilities.
- ❑ **Optional Accessories:**
 - ❑ Liquid N2 assistant system.
 - ❑ Temp. recorder.
 - ❑ RS-485 interface can link to multi-PC for recording.
 - ❑ 5°C/min, 10°C/min, 15°C/min, 20°C/min, 25°C/min Ramp.



Specification

Model		GTST-050	GTST-080	GTST-108	GTST-150	GTST-252	GTST-300
Internal Dim. W x H x D (cm)	W x D	36 x 35 x 40	50 x 40 x 40	60 x 40 x 45	60 x 50 x 50	70 x 60 x 60	100 x 60 x 50
	H	40	40	45	50	60	50
External Dim. W x H x D (cm)	W x D	126 x 187 x 210	140 x 189 x 210	150 x 194 x 215	150 x 199 x 220	160 x 209 x 245	190 x 215 x 245
	H	210	210	215	220	245	245
High Temp. Range	+80 °C ~ +200 °C						
Low Temp. Range	-10 °C ~ -40 °C , -10 °C ~ -60 °C , -10 °C ~ -70 °C						
Test Temp. Range	+60 °C ~ +150 °C 0 °C ~ -40 °C , -10 °C ~ -55 °C , -10 °C ~ -65 °C						
Features	Temp. Constancy	+(-)0.2°C					
	Temp. Recover Time	3 to 15 min					
Material	Exterior	Stainless steel Plate + Powder coated					
	Interior	SUS#304 Stainless steel plate					
	Insulation	PU & Fiberglass Wool					
Micro Controller	CLCD-9800						
Power Source [K.W.]	AC 3 ϕ 220V / 380V , 60/50Hz						
	17 18 23	24 23 31	33 34 39	38 39 46	54 55 62	61 62 73	