



Thermal Shock - Liquid To Liquid



Feature

- Applications: To check for physical changes in ICs, PC boards, ceramic semiconductors and other high-particulate materials.
- Strong counter-rotating mixture of high and low temperatures.
- Features automatic positioning in both horizontal and vertical axes, plus pre-warming, pre-cooling and recording of shock results.
- Uses the Garden D02ts heating oil in hot and cold chambers to minimize the costs of oil changes.
- Large LCD (320×240 dots) with Chinese/English display of temperatures, with programmable mini-computer control system.
- This system is suitable for on-site use with choice of water cooling or air cooling.
- **Optional Accessories:**
 - Temp. Recorder.
 - Solution(GARDEN D02TS).

Specification

Model	GTST-021S-65-L	GTST-160S-65-L
Internal Dim. W x H x D (cm)	Immersion in liquid bath by movement of a sample basket rack	
External Dim. W x H x D (cm)	20 x 35 x 30 x 2 Bath	26 x 35 x 45 x 2 Bath
Temp. Rise Time (High Temp. Bath)	Room Temperature to +150 °C Within 80 Minutes	
Temp. Drop Time (Low Temp. Bath)	Room Temperature to -65 °C Within 120 Minutes	
Precool / Preheat Temp. Range	-75.00 °C ~ 00.00 °C / +60.00 °C ~ +160.00 °C	
Shocking Temp. Range	-65.00 °C ~ 00.00 °C / +60.00 °C ~ +150.00 °C	
Testing Time	Within 5 min	Within 5 min
Specimen Transfer Time	Within 10 sec (Time of transfer between hot and cold baths)	
Resolution	0.01°C / 1 min	
Control Constancy	±0.2 °C	
Sample Basket Dim. W x H x D (cm)	12 x 15 x 12	18 x 25 x 35
Sample Weight	IC 2 Kg	IC 5 Kg
Controller	CLCD-9800	
Power Source	AC 3ψ 220V / 380V , 60/50Hz	