## **Thermal Shock Stability Test Chamber**

-----the Internal Dimension can be customized

## **Application:**

Programmable Thermal Shock Test Chamber is used to test the bearing extent of the material structures and composite material in an instant and continuous high temperature and extremely low temperature environment, that is in the shortest time to test its thermal expansion and contraction caused by chemical change or physical harm, which is widely used in metal, plastic, rubber, electronics and other materials and it can be used as an important reference for improving product quality.

## **Technical Parameter:**

Model	TS-80-C
Internal Dimension WxHxD (mm)	500x400x400
External Dimension WxHxD (mm)	1550x1950x1550
Temperature Range of Testing zone	Type A:-40 $^{\circ}$ C~+150 $^{\circ}$ C ( 200 $^{\circ}$ C is Optional)  Type B:-55 $^{\circ}$ C ~+150 $^{\circ}$ C ( 200 $^{\circ}$ C is Optional)  Type C:-65 $^{\circ}$ C ~+150 $^{\circ}$ C ( 200 $^{\circ}$ C is Optional)
Exposure Time of High/ Low Temperature	Exposure Time of High Temperature: $+60^{\circ}\text{C} \sim +150^{\circ}\text{C}$ (200°C is Optional) 30Mins  Exposure Time of Low Temperature : $-10^{\circ}\text{C} \sim \text{Type A:} -40^{\circ}\text{C}$ / Type B $-55^{\circ}\text{C}$ / Type C $-65^{\circ}\text{C}$ 30Mins
Temperature of Heat-Storing Slot / Heating Time	RT~200°C/About 45mins
Internal and External Material	Material of the inner box is SUS 304# stainless steel,of the outer box is stainless steel or see cold-rolled steel with paint coated.
Insulation Material	High temperature resistant, high density, formate chlorine, ethyl acetum foam insulation materials

## **Picture**



