

HIGH AND LOW TEMPERATURE HUMIDITY TEST CHAMBER



OVERVIEW

- Integrated design of air supply channel and refrigeration unit.
- Large size observation window makes it convenient for operator to observe the test sample inside the chamber.
- The inner chamber is made by SUS304 stainless steel; the external chamber is made by two-sided galvanized steel sheet and its surface is treated by electrostatic plastic spraying.
- The refrigerating system, waterway system and the electrical control system of the chamber have been modularized, placed separately and are safe and reliable.
- Intelligent control of refrigeration system applies to large range of load and the running power is lower.



SPECIFICATION

MODEL	710-11-100	710-11-150	710-11-300	710-11-500	710-11-1000
Internal volume (L)	100L	150L	300L	500L	1000L
Temperature range (°C)			-40~150°C		
Humidity range (%RH)			(20~98)%RH (20~85)°C		
Temperature fluctuation			±0.5°C		
Temperature deviation			±2.0°C		
Humidity deviation			±3.0%RH (>75%RH) ±5.0%RH (≤75%RH)		
Temperature rise time			≤60 min		
Cooling time			About 1°C/min		
Material chamber			SUS 304 stainless steel		
Coolling system			Compressor		
Power supply	220V, 60Hz, 2kW	220V, 60Hz, 4.5kW	AC380V, 50Hz, 3kW	AC380V, 50Hz, 3kW	AC380V, 50Hz, 3kW
Weight	280kg	365kg	435kg	680kg	950kg

The machine may work stable under the following working condition:

- The temperature of surrounding medium cannot be less than 10°C and more than 60°C.
- The relative humidity of air should be no more than 85% (20°C).
- The voltage fluctuation should be no more than 15%.
- There should be no obvious vibration source around.
- There should be no current conducting dust, explosive and corrosive air.