



# Liquid to Liquid Thermal Shock Chambers

Global Leading Integrated Solution Provider for Environmental and Climatic Simulation Test

## Features

- Fashionable design of modular construction.
- Special liquid medium meets tougher testing requirements and higher testing efficiency.
- Sealed structure prevents medium from evaporating; special oil separating design for recycle.
- Customer-friendly design: observation window with a reality visualization for real-time monitoring
- 7" colour touch screen display and 32 bit control system; interface Ethernet/USB.
- Optional APP mobility management.
- Optional remote-assist service function and teaching CDs.
- Customer-friendly software functions: intelligent power-recovery restoration, autoconnect on memory and auto-reset restart.
- Intelligent and independent protection design for overload, overheat, power-supply abnormality, overvoltage, component malfunction monitoring.
- Optional network video monitoring and data synchronization.
- Intelligent and high-performance servo refrigerating control technology: energy saving and rapid heating/cooling rate.
- Automatic reminder of equipment maintenance plans and software of recording malfunction.

## Specifications

Model	EYC603S2	EYC605S2
Test Space Volume (L)	2.6	4.5
Test Zones	2	
Operation Mode	Horizontal and vertical automatic movement system between specimen basket and liquid bath	
Liquid Medium	Fluorocarbon Oil	
Hot Bath Temp. Range (°C )	+70~+200	+70~+200
Cold Bath Temp. Range ( °C )	-80~0	-80~0
Temp. Constancy (°C )	±0.3~±1.0	±0.3~±1.0
Temp. Homogeneity (°C )	±0.5~±2.0	±0.5~±2.0
Test Space Temp. Range(°C )	-65~0 / +70~+150	-65~0 / +70~+150
Specimen Transfer Time (sec)	10 sec (Time of transfer between hot and cold baths)	10 sec (Time of transfer between hot and cold baths)
Temp. Recovery Time (min)	Within 5 mins	Within 5 mins
Test Space Dimension (mm)	120W×120D×180H	150W×150D×200H
Inside Bath Dimension (mm)	250W×350D×400H	280W×380D×420H
External Dimension (mm)	1100W×1400D×2000H	
Power	AC380V±10%, 50HZ, 3/N/PE	
Cooling Methods	Water-Cooled	
Standards	GJB 150-86 , GB 2423-22 , MIL-STD-883 , MIL-STD-202F	

## Options

- Independent sensors for specimen protection ( NE60519-2.1993)
- Spare parts package
- E-management and cyber-software
- Video monitor system
- APP for mobility management

## Standard Version

- Fluorocarbon oil
- Specimen basket