



## Robot Intelligent Climate Test Chambers

Global Leading Integrated Solution Provider for Environmental and Climatic Simulation Test

### Features

- Triad control system : AGV robot, center control unit and automatic testing chamber.
- Automatic door and automatic charge for specimens.
- Automatic transmission design for feeding specimens.
- Optional manual, semi-automatic and automatic operation models.
- Up to 20℃/min temperature change rate for homogeneous temperature linear changing.
- Dry air blowing system prevent specimen's surfaces from dewing in rapid temperature change.
- Fashionable design of modular construction.
- 7" colour touch screen display and 32 bit control system; interface Ethernet/USB.
- 4 load power outlets for specimens with programmable control for protection.
- Design with independent sensors to prevent specimens from damages caused by dewing, overheat, breezeless and smog.
- Specialized design of anti-condensation for specimens during climate testing to avoid misjudgment and improve testing accuracy. (Patented)
- Optional APP mobility management.
- Automatic water supply with ultrapure filter devices (optional) ; water shortage reminder function.(EHE Series)
- Intelligent and independent protection design for overload, overheat, powersupply abnormality, overvoltage, component malfunction monitoring.
- Customer-friendly software functions: intelligent power-recovery restoration, autoconnect on memory and auto-reset restart.
- 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.
- Optional remote-assist service function and teaching CDs.

### Specifications

Model	EDE/EHE 4080-5	EDE/EHE 7080-5	EDE/EHE 4140-5	EDE/EHE 7140-5	EDE/EHE 4180-5	EDE/EHE 7180-5	EDE/EHE 4240-5	EDE/EHE 7240-5	EDE/EHE 4360-5	EDE/EHE 7360-5
Test Space Volume (L)	775		1400		1800		2400		3550	
Temp. Chambers Parameters:										
Temp. Range ( °C )	-40/+150	-70/+150	-40/+150	-70/+150	-40/+150	-70/+150	-40/+150	-70/+150	-40/+150	-70/+150
Temp. Rapid Change Rang ( °C )	-20/+150	-40/+150	-20/+150	-40/+150	-20/+150	-40/+150	-20/+150	-40/+150	-20/+150	-40/+150
Temp. Rapid Change Rate (°C/min)	5, 10, 15, 20 (No Load)									
Temp. Accuracy (°C)	Constancy : ±0.1 ±0.8 ; Homogeneity: ±0.5 ±2.0 ((No Load)									
EHE Series Climate Chambers Parameters:										
Temp. Range (°C)	10~95									
Humid. Range (%RH)	15~98									
Humid. Constancy (%RH)	±1.0 ±3.0 (No Load)									
Temp. Accuracy (°C)	Constancy : ±0.1~±0.8, Homogeneity: ±0.5 ±2.0 ((No Load)									
Test Space Dimension (mm)	660W×660D×1778H	950W×960D×1550H	890W×1068D×1905H	1143W×1321D×1778H	1220W×1524D×1905H					
External Dimension (mm)	1560W×2000D×2750H	1700W×2200D×2750H	1790W×2400D×2850H	2250W×2700D×2750H	3950W×1980D×3000H					
Cooling Methods	Air-Cooled/Water-Cooled									
Power	AC380V±10% · 50HZ · 3/N/PE									

### Options

- Necessary test tools
- Independent sensors for specimen protection (NE60519-2.1993)
- 1 Entry port Φ100mm
- Nitrogen gas auxiliary device
- Spare parts package
- E-management and cyber-software

### Standard Version

- Independent power supply units for specimens
- 1 Entry port Φ100mm or RJ45 interface