

Stability Environmental Chamber



Features:

1. High-texture appearance, the surface handled through the matte stripes, and use of planar non-reactive handles, easy to operate, safe and reliable.
2. Rectangular complex glass window can be viewed the testing sample, windows with anti-sweat heater device that prevents water vapor condensation, and high-brightness PL light.
3. Double-insulated airtight container, which can effectively isolate the internal temperature of leakage.
4. With an external water supply system can be easy to supply water and automatically reuse.

5. Compressor circulatory system from French "Taikang", more effective removal of oil between the condenser and the capillary and use environmentally refrigerants (R23, R404, R507).
6. Controller imported LCD display screen can be displayed measuring values and setting the value and time.
7. Controller with multi-segment program edited, temperature and humidity can be controlled quickly (OUICK) or slope (SLOP).
8. Built-in mobile pulley easy to move and has a strong positioning screw fixed position

Standard:

1. International Electrotechnical Commission Standard:

IEC68-2-03_test method Ca: Steady damp-heat

IEC68-2-01_test method A: cold

IEC68-2-02_test method B: dry heat

2. Military Standards:

MIL-STD-810F-507.4 humidity

MIL-STD-810F-501.4 high temperature

MIL-STD-810F-502.4 low temperature

MIL-STD883C test method 1004.2 temperature and humidity cycling test

MIL-STD810D test method 502.2

MIL-STD810 test method 507.2 procedure 3

3. Japanese Industrial Standard:

JIS C60068-2-3-1987 test method Ca: Steady damp-heat

JIS C60068-2-2-1995 test method B: dry heat

JIS C60068-2-1-1995 test method A: low temperature

4. USA Semiconductor Industry Standard:

JESD22-A101-B-2004 Constant temperature and humidity test
JESD22-A103-C-2004 High Temperature Storage Test
JESD22-A119-2004 Low Temperature Storage Test

5. Chinese National Standard:

GB11158 Technical conditions for high-temperature testing box
GB10589-89 Technical conditions for low-temperature testing box
GB10592-89 Technical conditions for high and low temperature testing box
GB/T10586-89 technical conditions for humidity testing chamber
GB/T2423.1-2001 Low-temperature testing methods
GB/T2423.2-2001 High-temperature testing methods
GB/T2423.3-93 Testing Method for humidity Test Chamber
GB/T2423.4-93 Alternating hot and humid testing method
GB/T2423.22-2001temperature testing method

6. China's National Military Environment Test Equipment

GJB150.3 high-temperature testing
GJB150.4 low-temperature testing
GJB150.9 hot and humid condition testing

Applicable industries:

Environmental Constant Temperature Humidity Climatic Test Chamber applied to control the product quality, such as electronic, plastic products, electrical appliances, instruments, food, vehicles, metals, chemicals, building materials, aerospace, medical care and so on.

Technical Specification:

Model	QC-80EC (A~G)	QC-150EC (A~G)	QC-225EC (A~G)	QC-408EC (A~G)
Inside size WxHxD (cm)	40x50x40	50x60x50	50x75x60	60x85x80
Outside size WxHxD (cm)	100x170x87	105x175x97	115x190x97	135x195x115
Temperature range	-70°C~+100°C (150°C) (A:+25°C B:0°C C:-20°C D:-40°C E:-50°C F:-60°C G:-70°C)			
Humidity range	20%~98%R.H. (10%~98%R.H/5%~98%R.H is the specific condition)			
Accuracy/ uniformly	±0.1°C; ±0.1%R.H./ ±1.0°C; ±3.0%R.H.			
Accuracy / volatility	±1.0°C; ±2.0%R.H./ ±0.5°C; ±2.0%R.H.			
Heating / cooling time	About 4.0°C/min; about 1.0°C/min (5~10°C/mm is the specific condition)			
Inside material	Stainless steel SUS 304#			
Insulation material	High-temperature high-density amino acid ethyl ester foam insulation materials,			
Cooling system	Air-cooled/ single-stage compressor (-20°C), wind, water cooled/two-stage compressor (-40°C~-70°C)			
protection	compressor overload switch, high and low-pressure protection switch, over-humidity-temperature protection switches, fuses, warning system			
accessories	recorder(purchase), view window,50mm testing hole, PL lamp, clapboard, Dry and wet gauze ball			
controller	TEMI300 digital controller from South Korea			
compressor	France Tecumceh			
power	1Φ 220VAC±10% 50/60Hz & 3Φ 380VAC±10% 50/60Hz			