

**ENVIRONMENTAL
CHAMBER**



ENVIRONMENTAL CHAMBER

Supports plant and insect growth, tissue cultivation, antibiotic cultivation and preservation and other controlled temperature experiments. Features like environment efficient, energy-saving and Fluorine-free Refrigerant makes it an ideal choice.

Used in Preservation of drugs, Food quality testing, Resin materials, Automotive, Electrical, Environmental testing, Water analysis, BOD determination, Bacterial strains, Microbial culture, Vaccine preservation, Controlled Temperature Experiments, Stability Testing, Stress Testing, Shelf life, Biological Research.

Also known as Environmental Chamber, Environment Simulation Chamber, Test Chamber, Laboratory Environmental Chamber.

CE11 SERIES CONSTANT TEMPERATURE AND HUMIDITY CHAMBER

- Adopt high-brightness LCD screens.
- Leakage protector.
- Limited temperature controller.
- RS232 interface.
- intelligent programmable controller.
- Two sides test holes.
- Imported temperature and humidity sensors.



SPECIFICATIONS

Model	CE111	CE112	CE113
Effective Volume	100 L	151 L	250 L
Temperature Range	-10°C ~ +85°C		
Working Room Temperature	5 ~ 35°C		
Temperature Fluctuation	±0.1°C		
Temperature Resolution	0.1°C		
Humidity Range	20~ 95% RH		
Humidity Fluctuation	Within ±1.5% (65°C)		
Convection Mode	Compulsory convection method		
Shelves / Trays	2	3	
Water Supply Volume	Inside: 10 L Outside: 25 L		
Inner Dimension	465x400x540mm	540x400x700mm	640x440x890 mm
Overall Dimension	590x733x1140mm	665x733x1300mm	765x773x1490 mm
Weight (Net/Gross)	93 kg	114.5 kg	137 kg

Insulating Material	Overall foaming of polyurethane		
Programmed Control	Fuzzy logistic PID control method common operating mode/programmed operating mode		
Refrigerating power-refrigerant	175 W-R134a	245 W-R134a	270 W-R134a
Power	1000 W	1450 W	2000 W
Power Supply	AC-220V 50/60Hz		

Model	CE114	CE115
Effective Volume	450 L	750 L
Temperature Range	-10°C ~ +85°C	
Working Room Temperature	5 ~ 35°C	
Temperature Fluctuation	±0.1°C	
Temperature Resolution	0.1°C	
Humidity Range	20~ 95% RH	
Humidity Fluctuation	Within ±1.5% (65°C)	
Convection Mode	Compulsory convection method	
Shelves / Trays	4	
Water Supply Volume	Inside: 10 L Outside: 25 L	
Inner Dimension	750x500x1200 mm	1250x500x1200 mm
Overall Dimension	935x835x1787 mm	1435x835x1828 mm
Weight (Net/Gross)	215 kg	265 kg
Insulating Material	Overall foaming of polyurethane	
Programmed Control	Fuzzy logistic PID control method common operating mode/programmed operating mode	
Refrigerating power-refrigerant	580 W	880 W
Power	2500 W	3000 W
Power Supply	AC-220V 50/60Hz	

CE12 SERIES CONSTANT TEMPERATURE AND HUMIDITY CHAMBER

- Adopt high-brightness LCD screens.
- Leakage protector.
- Limited temperature controller.
- RS232 interface.
- intelligent programmable controller.
- Two sides test holes.
- Imported temperature and humidity sensors.



SPECIFICATIONS

Model	CE121	CE122	CE123
Effective Volume	100 L	151 L	250 L

Temperature Range	-20°C ~ +85°C		
Working Room Temperature	5 ~ 35°C		
Temperature Uniformity	±0.5°C (at 65°C)		
Temperature Fluctuation	±0.1°C		
Temperature Resolution	0.1°C		
Humidity Range	20~ 95% RH		
Humidity Fluctuation	Within ±1.5% (65°C)		
Convection Mode	Forced convection		
Shelves / Trays	2	3	
Water Supply Volume	Inside: 10 L Outside: 25 L		
Inner Dimension	W465xD400x H540 mm	W540xD400xH700 mm	W640xD440xH890 mm
Overall Dimension	W590xD733xH1140	W665xD733xH1300	W765xD773xH1490
Weight (Net/Gross)	93 kg	114.5 kg	137 kg
Insulating Material	Overall foaming of polyurethane		
Programmed Control	Fuzzy logic PID control mode normal operation mode / program running mode		
Refrigerating power-refrigerant	175 W-R134a	245 W-R134a	270 W-R134a
Power	1000 W	1450 W	2000 W
Power Supply	AC-220V 50 / 60HZ		

CE13 SERIES CONSTANT TEMPERATURE AND HUMIDITY CHAMBER

- Adopt high-brightness LCD screens.
- Leakage protector.
- Limited temperature controller.
- RS232 interface.
- intelligent programmable controller.
- Two sides test holes.
- Imported temperature and humidity sensors.



SPECIFICATIONS

Model	CE131	CE132	CE133
Effective Volume	100 L	151 L	250 L
Temperature Range	-40°C ~ +85°C		
Working Room Temperature	5 ~ 35°C		
Temperature Uniformity	±0.5°C (at 65°C)		
Temperature Fluctuation	±0.1°C		
Temperature Resolution	0.1°C		
Humidity Range	20~ 95% RH		
Humidity Fluctuation	Within ±1.5% (65°C)		
Convection Mode	Forced convection		
Shelves / Trays	2	3	

Water Supply Volume	Inside: 10 L Outside: 25 L		
Inner Dimension	W465xD400x H540 mm	W540xD400xH700 mm	W640xD440xH890 mm
Overall Dimension	W590xD733xH1140	W665xD733xH1300	W765xD773xH1490
Weight (Net/Gross)	93 kg	114.5 kg	137 kg
Insulating Material	Overall foaming of polyurethane		
Programmed Control	Fuzzy logic PID control mode normal operation mode / program running mode		
Refrigerating power-refrigerant	175 W-R134a	245 W-R134a	270 W-R134a
Power	1000 W	1450 W	2000 W
Power Supply	AC-220V 50 / 60HZ		

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