

DACM-80B Climate Chamber

Features

- The product casing is made of high-quality steel plates and is electrostatically sprayed on the surface, presenting a beautiful appearance.
- The studio is made of high-quality stainless steel, which is corrosion-resistant and resistant to aging. The inner container has a rounded edge transition and is equipped with a tempered glass door.
- Using LED full-spectrum lighting is closer to natural light, with adjustable illumination intensity and more uniform lighting.
- Intelligent microcomputer control system, with precise and reliable temperature control;
- The brand compressor uses non-chlorofluorocarbon (CFC-free) environmentally friendly refrigeration technology.

The gentle air circulation ensures uniform temperature inside the box.

- It is equipped with multiple safety measures such as compressor overheating protection and instrument failure protection to ensure the safety of the experiment.
- Humidification method: External humidification. An external ultrasonic humidifier is used, ensuring uniform humidity and featuring a water shortage and power-off protection function.
- Programmable control mode, with 30 levels of illumination and temperature settings, and automatic adjustment and conversion; it can automatically simulate changes such as day and night, different temperatures, and different illumination levels.
- It can be equipped with functions such as printer, 485 interface, USB storage, and SMS alarm.



Specifications

Model	DACM-80B
Volume	80L
Rated power supply	220V 50HZ
Temperature control range	With light: 10°C - 65°C; Without light: 5°C - 65°C
Temperature resolution	0.1°C
Temperature fluctuation degree	±3°C
Humidity range	40%-90%RH
Illuminance	0-0-1010-10000LXLX0LX
Light source	Single-sided lighting, door panel light source, LED full-spectrum cold light source
Inner liner material	210 stainless steel inner liner
Insulation layer	Polyurethane
Heater	Stainless steel heating tube
Compressor	Air-cooled fully enclosed compressor
Refrigerant	R134a
Defrosting function	Intelligent control for automatic defrosting
Temperature control	Programmable instrument
Timer function	0-9999min
Operation mode	Fixed-value operation mode, program-controlled operation mode
Test hole	Come with a standard one
Sensor	PT100
Power	600W
Inner liner dimensions (mm)	400×400×500
Overall dimensions (mm)	605×555×1060
Packaging dimensions (mm)	690×620×1150
Standard/Maximum number of partitions	2/4
Partition spacing	75mm
Partition load-bearing capacity	20kg
Optional features	Printer, USB interface, 485 interface, SMS alarm module