

DLCD-150C / DLCD-250C / DLCD-350C / DLCD-460C

Shelf-type Illumination Incubator

Features

- The product casing is made of high-quality galvanized sheet, with surface electrostatic spraying. The design is elegant. The working chamber is processed from high-quality stainless steel, which is corrosion-resistant and resistant to aging. The inner liner has a rounded edge transition around the periphery.
 - The LED full-spectrum lighting is more similar to natural light. The light intensity can be adjusted, and the light is stronger and more uniform.
 - Large screen touch screen, multiple sets of data displayed on one screen, two operation modes (fixed value and program), with temperature curve and data storage function;
 - It adopts a variable-frequency compressor, featuring energy-saving, low noise, and no frosting problems.
 - Double-layer door structure. The inner door is made of high-quality tempered glass for easy observation of the samples, while the outer door is equipped with magnetic rubber strips, which are easy to open and close and have good sealing performance.
 - The intelligent defrosting function ensures that the equipment can run without ice accumulation for a long time.
- It is equipped with a standard mechanical independent temperature controller for dual protection, ensuring safe operation.
- It is equipped with multiple safety measures such as compressor overheating protection and instrument failure protection to ensure the safety of the experiment.
 - Additional functions such as printer installation, 485 interface, and SMS alarm can be added.



Specifications

Model	DLCD-150C	DLCD-250C	DLCD-350C	DLCD-460C
Cyclic mode	Mandatory convection			
Operating temperature range	With light: 10°C - 65°C; Without light: 0°C - 65°C			
Temperature resolution	0.1°C			
Temperature fluctuation degree	±1°C			
Temperature distribution accuracy	±1.5°C (37°C)			
Illuminance (LX)	0 - 45000 LX (Supports input illuminance)			
Studio	304 mirror-finish stainless steel			
Shell	Galvanized sheet electrostatic painting			
Light-blocking panel	Standard equipped with 2-layer full-spectrum LED lamp panel			
Heater	Stainless steel heating tube			
Compressor	Use variable-frequency compressor			
Rated power	800W	1000W	1200W	1400W
Refrigerant	R134A			
Defrosting mechanism	Automatically			
Temperature control method	Program control			
Temperature setting method	Touchscreen settings			
Temperature representation method	7.0-inch touch screen display			
Operating function	Fixed-value operation, timed operation, automatic start/stop / appointment start, program control			
Program mode	100 * 5 program control			
Sensor	PT100 temperature sensor			
Safety device	Overheating will automatically cut off the heating, and if the temperature is consistently too low, the refrigeration system will be shut down to protect the samples; the circuit has self-diagnostic function.			
Inner liner dimensions (mm)	400×500×750	500×550×910	600×600×1000	650×650×1100
Dimensions (mm)	600×650×1330	700×705×1550	780×750×1605	845×805×1710
Packaging dimensions (mm)	770×735×1520	820×800×1660	870×860×1800	990×1040×1970
Volume of content	150L	250L	350L	460L
Supporting plate	15kg	15kg	15kg	15kg
Power supply	220V50HZ			
Partition board	2 floors			
Can be equipped with accessories	Lighting partition, USB communication interface and upper computer software, printer, wireless SMS alarm system			
Additional functions	Appointment for power on/off, historical temperature data curve query, USB data storage export, menu key lock for deviation correction, power outage compensation, power outage memory, loop self-diagnosis, intelligent defrosting			