Climate Chamber With Illumination

◎Light culture of microorganism, cell tissue, seedling, insect and small animal.

Characteristics:

- Double door structure, with high quality stalinite to observe sample.
- 7.0 inch true color touch screen display, convenient to view historical temperature data and appointment auto start and stop.
- Full spectrum 0–30000LX adjustable multiple levels, 30 sections programmed Temp. LUX and time controller.
- Full spectrum LED top light source design, high illumination, low thermal radiation, long service life, removable Light partition, adjustable layer space.
- The evaporator temperature is collectively controlled by the backflow valve and expansion valve, greatly prolonging the service life of the compressor.
- High precision digital independent temperature controller.
- Imported high quality temperature sensor and compressor.

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Main Technical Parameters:

	Model	CCH250	CCH350	CCH450
	Cycle Mode	Forced convection,Rear micropore. Supply air in front of the plate		
Function	Temp. Range	Without illumination: 0 ~ 65℃: With illumination:10 ~ 65℃		
	Temp. Resolution Ratio	0.1℃		
	Temp. Motion	± 0.5℃		
	Temp. Uniformity	± 1.0℃		
	Illumination(LX)	Full spectrum0–30000LX many degrees for adjusting		
Structure	Inner Chamber	SUS304satinless steel sheet		
	Outer Shell	Cold rolling steel electrostatic spraying exterior		
	Thermal Insulation Material	Polyurethane		
	Light barrier	Standard four layer full spectrum LED lamp board		
	Heater	Stainless steel heating tube		
	Power Rating	2.0kw	2.2kw	2.5kw
	Compressor	Air cooled hermetic compressor		
	Coolant	R134A		
	Defrosting Structure	Automatic		
	Leading wire hole	The outer diameter of standard inflation port interface is 10mm		
Controller	Temp.. control mode	30 sections program		
	Temp.. setting mode	Touch screen settings		
	Temp.. display mode	7.0 inch true color touch screen display		
	Operation function	Fixed temp.perature operation,timing function,auto stop.		
	Program pattern	Standard configuration		
	Sensor	Pt100		
	Additional funciton	Make an appointment to switch on and off, query the historical temperature data curve, store and export the U disk data, correct the deviation, lock the menu key, power failure compensation, power failure memory , circuit self diagnosis and intelligent defrosting		
	Safety device	Over temperature will automatically cut off the heating, long–term under temp.perature cut off the refrigeration system.,protect the sample; loop self diagnosis		
Specification	Inner Chamber size(W*L*H)(mm)	600*500*840	630*580*960	630*670*1100
	Exterior size (W*L*H)(mm)	794*726*1600	824*806*1720	824*896*1860
	Packing size (W*L*H)(mm)	893*863*1850	943*923*1960	823*1033*2110
	Volume	250L	350L	450L
	Load per rack	15kg		
	Shelf space	120mm		
	Supply (50/60Hz) Current rating	AC220V/9.1A	AC220V/10A	AC220V/11.5A
	NW/GW (kg)	220/250	250/290	300/340
Accessory	Shelf	4		
	Shelf plate	8		
	Optional accessories	Light barrier, USB interface and upper computer software, printer, wireless SMS alarm, co2 concentration control		