2~8°C Medical Refrigerator

Used for storing human specimens, medicines, vaccines, biological products, and reagents.

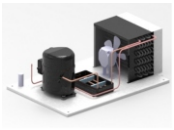
Dual Control of Temperature & Humidity
Smart IoT Connectivity



HD Touchscreen
Dual Temp & RH Display
Precise Temp & RH Control
Full Monitoring of Operational Status



NFC Smart Security Door Lock
Three Unlocking Methods
Secure Storage, Easy Operation



Embraco Compressor (Brazil)
High-Efficiency Refrigeration
Rapid Cooling



Embedded Temp & RH Data Logger
Professional Cold Chain Cloud Platform
Round-the-Clock Remote Monitoring
Standard USB Data Export Function



YC-5L316S

01 Features

User-Friendly Design

- Powder-Coated Carbon Steel Panel,SUS304 Stainless Steel Liner;
- Double-Coated Electrically Heated Aluminum Alloy Tempered Glass Door;
- Standard 5-Tier Adjustable Wire Shelving + Baskets;

Multi-Level Safety Protection System

- Audible & Visual Alarm System, support 8 kinds of Safety Alarms, Ambient Tem. Alarm, High/Low Tem. Alarm, Humidity Alarm, Power Anomaly Alarm, Door Open Alarm, Sensor Fault Alarm, Low Battery Alarm;
- Built-in Battery System, can Tem./Hum. Display & Audible/Visual Alarm (Even After Power Failure), can record internal temperature;
- Door Security Lock Design;
- Optional NFC Smart Door Lock;

Energy-Efficient Refrigeration

- World-Class Compressor German-Made EBM Fan Motor;
- Environmentally Friendly Cyclopentane Foam Insulation Layer;
- Multi-Directional Airflow;
- Hydrocarbon Refrigerant, ODP=0.

Precision Temperature Control System

- Microcomputer Temp & RH Controller with Digital Display;
- 7-Channel Multi-Sensor Monitoring System;
- Freely settable within 2~8°C, Temp Control Accuracy0.1°C, Display Accuracy0.1°C;
- Humidity control range: 35% ~ 75% RH, with an accuracy of ±10% RH;
- USB Data Export Function,Remote Alarm Terminal,RS485 Remote Communication Interface;
- Self-Developed Humidity Control Function;

02 Specifications

MODEL	YC-5L316S
External Dimensions (W×D×H mm)	650*677*1655
Internal Dimensions (W×D×H mm)	550*545*1096
Net Storage Volume(L)	316
Internal Temperature	2~8°C
Power(w)	195
Climate Type	N、SN
Box Material	Exterior: Spray-Coated Steel Plate Interior: 304 Stainless Steel
Refrigerant	R290
Compressor	Embraco (Brazil)
Fan	EBM（Germany）
Power Supply	220V~ 50Hz
Smart Device	Temperature & Humidity Data Logger, NFC Smart Lock
Shelf/Basket	5/Optional
Gross/Net Weight(kg)	140/115
Standard Equipment	Storage Battery, USB Port
Optional Equipment	Remote Interface, Mini Printer, Waterproof Socket