

Haier Biomedical
Intelligent Protection of Life Science



HYC-1100C



Eco-Friendly
Hydrocarbon Refrigerant



Condensation Free, Even at
Ambient 32°C & 80% RH



Data Can Be Stored
for Ten Years.
Convenient for Data Export.

Qingdao Haier Biomedical Co., Ltd.

No.280 Feng Yuan Road, High-tech Zone,
Qingdao, 266111, P.R. China
E-mail: inquiry@haierbiomedical.com
Website: www.haierbiomedical.com
Mar, 2026



Chromatography Refrigerator

Scope of Application

Used for biochemical chromatographic analysis in laboratories, universities and other facilities.

Innovative Design

- Purpose-built for chromatographic analysis
- Internal power socket, UV lamp and robust frame making it easier to run experiments



Haier Biomedical



Haier Biomedical
International



Haier Biomedical
International



Haier Biomedical
International



Haier Biomedical
International

원문: Haier Biomedical HYC-1100C HYC-1100C · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.

Product Features

**Professional Chromatography Refrigerator**

- Large volume of 1100L
- Waterproof sockets provides power for mixers, shakers and other lab tools
- Robust frame and clamp securely hold experimental apparatus
- UV lamp ensures thorough sterilization within the chamber
- Corrosion-proof and easy-to-clean stainless steel interior



Top-mounted key lock for convenience



Adjustable perforated stainless steel shelves promote better circulation and flexible storage



Two access ports (one on each side wall)



4 swivel casters with 2 leveling feet for easy movement and positioning



Hydrocarbon refrigerant (R290) and CFC-free polyurethane insulation



USB, optional RS485 & optional printer for easy data export and external connection



Microprocessor controller, digital display with 0.1°C resolution; hermetically sealed compressor, forced-air circulation with auto defrost to ensure a cabinet temperature between 2~8°C



Heated double-layer tempered glass door featuring self closing hinges and magnetic gasket seals.



Multiple alarm functions with audible and visual alerts.



Energy-efficient interior LED lighting provides bright low heat lighting.

원문: Haier Biomedical HYC-1100C HYC-1100C · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.

Specifications

Model			HYC-1100C
Technical Data	Cabinet Type		Upright, Glass Door
	Climate Class		N, 16~32°C
	Cooling Type		Forced Air Cooling
	Defrost Mode		Auto
	Refrigerant		R290, 90g
	GWP (Global Warming Potential)		3
	Sound Level (dB(A))		43
Performance	Temperature Range (°C)		2~8
Control	Controller		Microprocessor
	Display		LED
Electrical Data	Power Supply (V/Hz)		220-240/50/60
	Power (W)		600
	Electrical Current (A)		2.7
Dimensions	Capacity (L/Cu.Ft)		1100/38.8
	Net/Gross Weight (approx)	kg	340/380
		lbs	750/838
	Interior Dimensions (W*D*H)	mm	1315*570*1525
		in	51.8*22.4*60.0
	Exterior Dimensions (W*D*H)	mm	1420*630*1980
		in	55.9*24.8*78.0
	Packing Dimensions (W*D*H)	mm	1550*875*2100
		in	61.0*34.5*82.7
Alarms	Container Load (20'/40'/40'H)		7/15/15
	High/Low Temperature		Y
	High Ambient Temperature		Y
	Door Ajar		Y
	Power Failure		Y
	Low Battery		Y
	Sensor Error		Y
	Communication Failure		Y
	Remote Alarm		Y
Accessories	Caster		4
	Foot		2
	Porthole		2 L&R on Each Side
	Clamp Fit		2 Sets
	Shelves/Drawers		1 Supporting Frame + 2 Adjustable Shelves
	Printer		Optional
	Chart Recorder		Optional
	USB Interface		Yes
	RS485		Optional
Others	Certification		/

원문: Haier Biomedical HYC-1100C HYC-1100C · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.

Specifications

	Model	HYC-1100C
Performance Characteristics	Temperature Setting Mode	Digital, resolution 0.1°C
	Temperature Sensor	NTC
	Power Consumption (kWh/24h)	10.5
	Heat Rejection (BTU/day) 1kWh=3412.14 BTU	35827
Material	Exterior Material	Steel (Pre-coated with Epoxy Resin)
	Interior Material	Stainless Steel
	Insulation material	Polyurethane (Fluoride-Free)
	Outer Door	Double-paned Glass Door
	Door Thickness	50mm
	Cabinet Thickness	45mm
	Door Sealing Structure	Magnetic Gasket, PVC
	Padlock Adapter Kit/Quantity	N/A
	Built-in Key Door Lock/Quantity	2
	Electronic Magnetic Lock	N/A
Product Accessories	Shelves Material	Stainless Steel
	Adjustable Shelves	Y
	No. of Shelves	2
	Shelves Dimension (W*D)	/
	Max Load of Each Shelf	28 kg
	Compressor Type	Hemertic
	Brand	EMBRACO / VESA7U
	Compressor Quantity	1
Function Parameters	Insulation Level	I
	Boot Delay Protection	Y
	Screen Setting Protection	Y
Evaporator	Type	Finned Evaporator
	Material	Aluminum
Condenser	Type (Forced air Cooling)	Wire & Tube
	Material (Forced air Cooling)	Steel
	Outside Fan	1
	Internal Temperature Uniformity (°C)	±2
	Internal Temperature Accuracy (°C)	0.1
	Pull Down Time (25°C ambient to 6°C) mins	About 50min
	Warm Up Time (25°C ambient, 5°C to 8°C) mins	About 10min
	Whether or not have backup battery? How many hours can the battery last?	Y/24h

*Haier Biomedical reserves the right to change products and specifications without prior notice.

원문: Haier Biomedical HYC-1100C HYC-1100C · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.