



**HYC-1100C**



Eco-friendly  
Hydrocarbon Refrigerant



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



Convenient Monitoring and  
Data Export Capabilities

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# 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



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**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 for longevity



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 easily movement and positioning in place



Hydrocarbon refrigerant (R290) and CFC-free polyurethane insulation- environmentally friendly



USB, RS485 & 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



Double-layer tempered glass door with heater prevents condensation even at 32°C, 80% RH ambient, self-closing mechanism, magnetic door gasket for positive seal



Multiple alarm functions for safer monitoring, audible & visual alert with mute function, including standard remote alarm modules



Energy-efficient interior LED lighting provides bright, high color illumination at lower heat output

**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		
	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 Dimension (W*D*H)	(mm)	1315*570*1525	
		(in)	43.1*18.7*50.0	
	Exterior Dimension (W*D*H)	(mm)	1420*630*1980	
		(in)	46.6*20.7*65.0	
	Packing Dimension (W*D*H)	(mm)	1525*900*2100	
(in)		50.0*29.5*68.9		
Container load (20'/40'/40'H)		7/14/14		
Alarms	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		
	Clamp fit	2 sets		
	Shelves/Drawers	1 supporting frame + 2 adjustable shelves		
	Printer	Optional		
	Chart recorder	Optional		
	USB Interface	Yes		
	RS485	Optional		

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