



HYC-1100C



Eco-friendly
Hydrocarbon Refrigerant



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



Convenient Monitoring and
Data Export Capabilities

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

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	
Alarms	Container load (20'/40'/40'H)		7/14/14	
	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	

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



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