

# -10°C TO -86°C ULTRA LOW TEMPERATURE FREEZER ULT34-0105



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Designed with microprocessor-based temperature controller and used for dependability and sample protection on daily basis. High-quality proven components with energy-efficient refrigeration design and majorly used in hospitals, clinics, blood banks and research institutes for preservation of plasma, tissue cultures and microbial cultures.

Used in Preservation Of Plasma, Microbial Cultures, Tissues, Cell Lines, Clinical, Industrial, Research.

Also known as Laboratory ULT freezer, ULT Freezer, Ultra-low Freezer.

## ULT34-0105 -10°C TO -86°C ULTRA LOW TEMPERATURE FREEZER

Settable high temperature and low temperature alarms

Automatic clean-filter alarm and sensor error alert

Adjustable storage shelf height

Unique insulated inner door design for four separate storage compartments to minimize frost buildup inside the chamber

Specialized control system design for a well-balanced operation of cascade refrigeration system

Audible and visible alarm

Door open feature standard and USB port for temperature data downloading standard on upright models

Remote alarm contacts

Unique door seal design for the minimum loss of cold temperature during a door opening

High performance VIP insulation panels to minimize cabinet heat gain and to improve temperature stability



### SPECIFICATIONS

Model	ULT34-0105
Capacity	105 L
Temperature Range	-40°C to -86°C
Ambient Temperature	10°C ~ +32°C
Defrosting	Manual
Cooling Type	Direct Cooling
Insulation Material	PURF
Refrigerant	Mixed-gas
Internal Dimension	480x380x665 mm
Overall Dimension	680x580x935 mm
Package Size	770x705x1090 mm
Interior	Stainless steel
Exterior	Color sprayed steel
Controller	Microprocessor, Digital display
Sensor	PTC
Compressor Brand/QTY	CUBIGEL/1

Evaporator	Submerged coil evaporator
Evaporator Material	Copper tube evaporator
Condenser	Copper tube and finned
Noise Level	50 db
Alarm	High/low temperature, Sensor malfunction, Thermostat failure
Standard Accessories	Castor, Test hole 1/25 mm
Optional Accessories	Chart recorder, Data logger, CO2 backup system, LN2 backup system
Weight (Net/Gross)	42/45 kg
Power Consumption ( Kwh/24hrs )	3.8
Rated Current A	2.2
Power Supply	220V, 50Hz

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