

ULTRA LOW FREEZERS newGEN SERIES



A reliable equipment suitable for biosciences research laboratories, blood banks, clinical and clinical Research labs, pharma labs, cryo preservation labs and universities.



ULTRA FREEZER newGEN SERIES (-10°C to -86°C)

SPECIFICATIONS

CONTROL SYSTEM

- Microprocessor Control with Digital LED display of temperature.
- Membrane Keypad, password protect configurations & self diagnosis.
- Temperature sensors PT100/NTC for temperature measurement.
- Audio Visual Alarm for Temperature Deviation, power failure, low battery, door open, clogged filter/high ambient & system failure, Power Abnormal.
- Non-volatile memory for operation resume after power failure.
- Battery back up for Printer, Temp. display & alarm functions.
- Inbuilt Printer facility for live temperature data printing.

ECO-FRIENDLY REFRIGERATION SYSTEM

- Refrigeration system with unique technology for rapid cooling.
- Imported compressors of reputed brand, operating in parallel.
- Non CFC, Non HCFC, environment friendly refrigerant mixture.
- Super silent operation with low noise level.
- Air cooled condensor aided by continuous rated ebm fan motor.
- High purity copper coils all around the inner cabinet for efficient cooling.
- Safe stop and time delay restart provides additional safety.

CABINET DESIGN

- Inner cabinet and adjustable shelves made of stainless steel SS 304.
- Outer cabinet of CRCA sheet with durable paint and attractive finish.
- High efficiency double foaming insulation of CFC - free, Eco - friendly PUF insulation with Vacuum in Panel (VIP+).
- Ergonomically designed patent technology insulated main door & individual inner sub doors
- Twin circuits of durable silicon gaskets prevent air seepage and ensure excellent sealing.
- Patented CAM action lock with handle & vacuum release device for easy door opening.
- Power source 220 volt / 50 Hz , Single phase..
- Hot condenser line around the mouth of the cabinet prevents moisture condensation.
- Bottom panel dust filter to maintain condenser clean.
- Heavy duty swivel castors with brakes.
- Port for validation.

Model No	Vol (L)	Inner Size (WxDxH) mm	Outer Size (WxDxH) mm	Input Power (W)	Weight (Nt/Gt) kg
URC-V-100-4	100	450 x 490 x 500	1030 x 740 x 815	800	120/140
URC-V-270-4	220	470 x 580 x 750	840 x 970 x 1570	1000	225/250
URC-V-325-4	340	470 x 575 x 1250	760 x 870 x 2000	1500	300/320

Note:

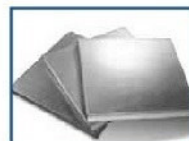
400, 520, 670, 770, 850 & 1000 Liters models are available with Touch Screen Display interface & more features

OPTIONAL ACCESSORIES

- 7 inch LED touch screen controller
- Cryo Gloves
- Cryo Racks and Boxes
- Circular 7-day chart recorder, microprocessor based
- Wi-Fi/GSM Data Logger
- Remote alarm Contact
- Cryo coolant cassettes for temp back up
- Servo / Automatic voltage stabilizer
- LN2/CO2 Backup



Temp recorder



Cryo cassettes



Cryo racks & boxes



Cryo gloves