

DEEP FREEZER

(-40°C)



Cryo Scientific Deep Freezers are ideally suited for long term / medium term preservation & storage of all types temperature sensitive biological specimens, micro-organisms and tissues



DEEP FREEZER SERIES (-40°C)

SPECIFICATIONS

CONTROL SYSTEM

- ◆ Microprocessor Control with Digital LED display of temperature with setting accuracy of 0.1°C / 1.0°C
- ◆ Audio Visual Alarm for Temp Deviation
- ◆ Time delay restart provides additional safety
- ◆ Rechargeable Battery back up / UPS for Temperature display & alarm functions during power failure (Optional)
- ◆ Suitable Automatic Voltage stabilizer with time delay restart.
- ◆ Power source 220/240V, 50 Hz, Single phase.

ECO-FRIENDLY REFRIGERATION SYSTEM

- ◆ Energy efficient Refrigeration system with unique technology and low noise level
- ◆ Heavy duty hermetically sealed air cooled compressors
- ◆ High Purity copper coils around the cabinet for efficient cooling Non CFC, Non HCFC, environment friendly refrigerant(R404A)
- ◆ Air cooled condenser aided by continuous rated fan motor
- ◆ Compressor Running time is <60% to 70%
- ◆ Temperature sensors PT100/NTC

CABINET DESIGN

- ◆ Inner cabinet & adjustable shelves made of stainless steel SS304
- ◆ Outer cabinet made of powder coated CRCA sheet, Corrosion resistive
- ◆ High Density of CFC—free, Eco-Friendly PUF insulation
- ◆ Durable magnetic gaskets to prevent air seepage and ensure excellent sealing
- ◆ Separate inner sub doors made of SS304 to reduce temperature loss
- ◆ ISO Standards Certified & CE marked product
- ◆ Durable latch with pad lock
- ◆ Hot condenser line around the mouth of the cabinet prevents moisture condensation
- ◆ Heavy duty castors with brakes for easy movement

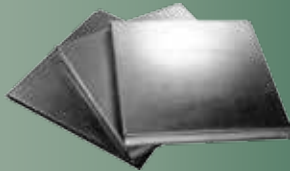
OPTIONAL ACCESSORIES

- ◆ Cryo Gloves
- ◆ Cryo Racks and Boxes
- ◆ Microprocessor based Circular 7-day chart recorder
- ◆ Data Logger with history logging
- ◆ Remote alarm Contact
- ◆ Cryo coolant cassettes for temperature back up
- ◆ Plasma trays & circular chart recorder with battery back up for Plasma Freezer

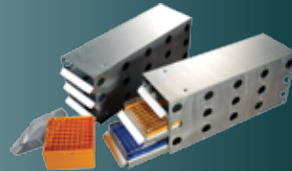
Model No	Vol (L)	Inner Size (HxWxD) mm	Outer Size (HxWxD) mm
URC-V-170-2	170	1020 X 375 X 410	1785 X 670 X 690
URC-V-325-2	325	1300 X 500 X 500	1970 X 810 X 800
URC-V-500-2	500	1300 X 595 X 700	1970 X 910 X 1000



Temp Recorder



Cryo cassettes



Cryo racks & boxes



Cryo Gloves



Data Logger

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