

# ULTRA LOW FREEZER

(-80°C)



**cryo scientific**  
systems (pvt) limited



# ULTRA LOW FREEZER (-80 °C)

Ultra Freeze - UPRIGHT TYPE – CE Marked

## SPECIFICATIONS

DESIGN	
Exterior	Outer cabinet made of powder coated CRCA sheets.
Interior	Inner tank made of stainless steel AISI 304 grade.
Shelves/ Trays	Four compartments using stainless steel (SS-304) shelves.
Sub-doors	Individual sub-doors for each compartment made of Stainless steel
Insulation	Non-CFC, high density, Polyurethane Foam insulation of 150 mm thickness.
Closure	Durable magnetic rubber gaskets of twin circuits.
Main Door	PUF insulated, left hinged, main door with inner FRP lining and lock.
Heater Line	Hot line around the front of the cabinet to prevent moisture condensation.
Castors	Equipment mounted on Heavy duty swivel castors with brakes.
REFRIGERATION: (Non-CFC, Non-HCFC)	
Compressors	Heavy-duty, hermetically sealed compressor.
Refrigerant	Non-CFC, eco-friendly refrigerant
Condenser	Air-cooled condensation system, aided by continuous rated motor fans.
Cooling coils	High purity (99.9%) copper cooling coils all around the inner cabinet.
CONTROL SYSTEM: (Microprocessor Based)	
Controller	Microprocessor based temperature control system.
Display	Digital LED display of set and process temperature.
Alarms	Audio-visual alarms for High/Low temperature (deviation).
Probe	Fast response, Pt-100 RTD sensor for accurate temperature measurement.
OTHER FEATURES	
Safety	Refrigeration system with over-load protector.
Calibration	Temperature calibration traceable to National standards.
Stabilizer	Automatic voltage stabilizer with time delay restart.
Warranty	One year warranty on the equipment against manufacturing defects.

Model No	Vol (L)	Outer Size (HxWxD) mm	Inner Size (HxWxD) mm
URC-V-170-4	170	1785 X 670 X 690	1020 X 375 X 410

**cryo scientific**  
systems (pvt) limited



📍 2/628, Rapid Nagar, Kunrathur High Road,  
Gerugambakkam, Chennai - 600128

☎ +91 44 2382 1611 / 2382 1612

✉ info@cryoscientific.com

🌐 www.cryoscientific.com