



The name you can trust

Ultra Low Temperature Freezers (-86°C)

Temp. Range: -60°C to -86°C



A new generation of uncompromised cooling solution

Newtronic sub-zero Temperature Freezers are developed for reliable storage conditions of research samples for laboratories, hospitals, repositories and more. Through research and development, a new focus has been placed on our refrigeration system, controls, alarms/monitoring, ergonomics, construction and energy efficient operation to make our Freezers the reliable solution for long-term storage of cancer cells, stem cells, cord blood, T-cells, organ/tissue and other critical samples.

Ergonomically designed chambers for single hand operations



Hi- Performance



Vacuum Release Port



Excellent Uniformity



Low Noise Design



Environment Friendly



Alarms

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Standard Features

Inner body	Stainless Steel (SS 304)
Outer body	Powder Coated Galvanised Iron
Insulation	High density CFC free PUF insulation
Door	Solid insulated door with lock & handle The door has non metallic internal surface Heater line around the front of the cabinet to prevent moisture condensation.
Gaskets	3 Layers of gaskets (including Magnetic Gasket) are provided for excellent airtight sealing
Moveability	Castor wheels are provided for easy movement with an option for having locks
Controller	Electronic controller with digital display
Alarms	Primary system High Temperature alarm Temperature deviation alarm and door ajar alarm
Cooling System	Cascading refrigeration system safety Refrigeration system with overload protectors & MCB Low noise and low power consumption
Vacuum Release Port	For ease of door operations
Power supply	230 Volts 50 Hz main supply. Also available with 60 Hz cycle



Selection Guide

Model	Capacity		Internal Size (H*W*D) mm	External Size (H*W*D) mm	Compartment Qty.	Equipment Weight (kg)
	CuFt.	Liter				
NLUF7S	5	100	450 X 450 X 500	1575 X 730 X 820	2	60
NLUF7S	7	200	550 X 590 X 620	1675 X 870 X 940	2	57
NLUF11S	11	300	925 X 590 X 620	2050 X 870 X 940	3	45
NLUF14S	14	400	925 X 590 X 740	2050 X 870 X 1060	4	66

Optional Accessories

Data Logger	To automatically record parameters
Circular chart recorder	To archive data points over a time interval



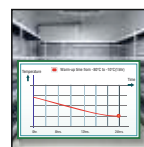
Digital Controller with Audio Visual Alarm



Sub Compartments



Low Noise Design



Low power Consumption



Safety Gloves



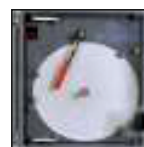
High Performance Compressor



Compression Latch



Data Logger



Circular Chart Recorder



Cryo Racks & Boxes



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NEWTRONIC LIFECARE EQUIPMENT PVT. LTD.

ISO 9001:2008 Certified Company Safety Gloves

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