



The name you can trust



Freezing temperature is always an opportunity for us...



Introducing an Intelligent

Ultra Low Temperature and Plasma Freezer with unique features

- Interior & Exterior of SS 304
- Auto-defrost Feature
- Excellent Temperature Uniformity
- PLC Based Operations with Touch Screen Display
- Software



Ultra-Low Temperature Freezers

Temperature Range: -60°C to -80°C

Standard Equipment



- Interior & Exterior chamber made of Stainless Steel 304
- Stainless steel trays for sample storage
- Inner Sub-doors to avoid temperature loss
- Non-CFC, high density, Polyurethane Foam insulation of 150mm thickness
- Cascading refrigeration system
- Non-CFC, Non-HCFC eco-friendly refrigerants
- Safety Refrigeration system with over-load protectors and MCB
- Auto defrost system for avoiding ice formation in the chamber
- Heater line around the front of the cabinet to prevent moisture condensation
- PLC-based controlling system with Touch Screen Display
- Ethernet based communication
- Audio-visual alarms for deviations
- Complete with Operations & Maintenance Manual
- Castor wheels for easy movement
- Power Supply: 230 Volts 50 Hz main supply. Also available with 60 Hz cycle

Optionals

- ICDAS – A common software suitable for all Newtronic equipments
- Door Access System
- Mobile Alert System

SPECIFICATIONS

- Temperature Range : -60°C to -80°C
- Temperature Accuracy : $\pm 2^{\circ}\text{C}$
- Temperature Uniformity : $\pm 3^{\circ}\text{C}$

◆ Selection Guide

Model	Capacity		Internal Size	External Size	No. of Trays
	CuFt	Liter	(H*W*D)mm	(H*W*D)mm	
NLUF4SI	4	100	450 x 450 x 480	1130 x 800 x 910	2
NLUF7SI	7	200	800 x 500 x 500	1805 x 850 x 870	3
NLUF11SI	11	300	1200 x 500 x 500	2035 x 850 x 955	4
NLUF14SI	14	400	1200 x 600 x 600	2035 x 950 x 1055	4
NLUF17SI	17	500	1200 x 600 x 700	2035 x 950 x 1155	4

Plasma Freezers

Temperature Range: -20°C to -40°C

Standard Equipment

- **Interior & Exterior chamber made of Stainless Steel 304**
- Stainless steel trays for sample storage
- Inner Sub-doors to avoid temperature loss
- Non-CFC, high density, Polyurethane Foam insulation of 150mm thickness
- Cascading refrigeration system
- Non-CFC, Non-HCFC eco-friendly refrigerants
- Safety Refrigeration system with over-load protectors and MCB
- **Auto defrost system for avoiding ice formation in the chamber**
- Heater line around the front of the cabinet to prevent moisture condensation
- PLC-based controlling system with Touch Screen Display
- Ethernet based communication
- Audio-visual alarms for deviations
- Complete with Operations & Maintenance Manual
- Castor wheels for easy movement
- Power Supply: 230 Volts 50 Hz main supply. Also available with 60 Hz cycle

Optionals

- ICDAS – A common software suitable for all Newtronic equipments
- Door Access System
- Mobile Alert System

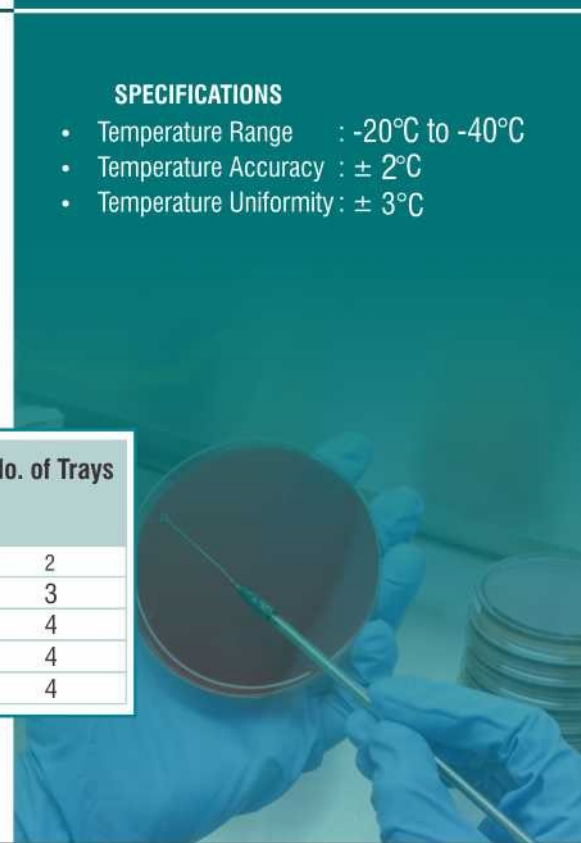
◆ Selection Guide

Model	Capacity		Internal Size (H*W*D)mm	External Size (H*W*D)mm	No. of Trays
	CuFt	Liter			
NLPP4SI	4	100	450 x 450 x 480	1130 x 800 x 910	2
NLPP7SI	7	200	800 x 500 x 500	1805 x 850 x 870	3
NLPP11SI	11	300	1200 x 500 x 500	2035 x 850 x 955	4
NLPP14SI	14	400	1200 x 600 x 600	2035 x 950 x 1055	4
NLPP17SI	17	500	1200 x 600 x 700	2035 x 950 x 1155	4



SPECIFICATIONS

- Temperature Range : -20°C to -40°C
- Temperature Accuracy : ± 2°C
- Temperature Uniformity : ± 3°C



Global Reach

Our reach extends to the corners of the world...

Welcome to the world of NEWTRONIC – the name you can trust

- ◆ Established in 1980
 - ◆ Manufacturing facility of over 60,000 sq. ft.
 - ◆ Export to 40 countries worldwide
 - ◆ Online services support
 - ◆ Globally available superior quality components
 - ◆ PLC-based intelligent controlling systems
 - ◆ Web-based software to access the chambers from anywhere, anytime
 - ◆ Installation of more than 10,000 Chambers
 - ◆ Large-sized chambers of upto 1 Million Litre capacity
- Execution of a single order of Walk In Stability Chambers worth ()100 million (USD \$1.7 million)

Newtronic Service centers:

Domestic:

Ahmedabad Hyderabad / Vizag
Baddi Indore
Bangalore Kolkata / Sikkim
Chennai Mumbai
Delhi Pune
Goa

International:

Australia Malaysia
Bangladesh Mexico
China Nepal
Dominican Republic New Zealand
Dubai Phillipines
Egypt Singapore
Indonesia Thailand
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* Newtronic reserves the right to change product specifications without prior notice



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ISO 9001:2015 Certified Company

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