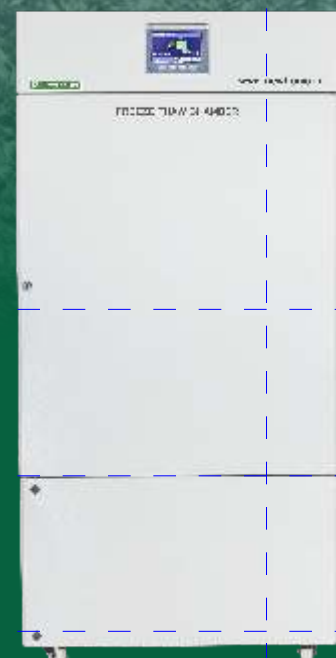# Is Your Product Temperature proof?.

We are the only solution provider
for freeze Thaw testing.

| 200 ltr | 7 Cu Feet | 300 ltr | 11 Cu Feet | 400 ltr | 14 Cu Feet | 700 ltr | 25 Cu Ft. | 1050-1500 ltr. | 34 to 54 Cu Ft (Double Door) |

Freeze Thaw Chambers

Storage conditions must be distributed in a manner that ensures that the product quality will not be adversely affected. With the exception of short transit times within the same climatic zone, it is virtually impossible to validate a shipping method against all environmental conditions.

Therefore, distribution stability studies are designed to generate additional data and to complement pre-formulation development and routine (ICH Q1A(R2)) studies.
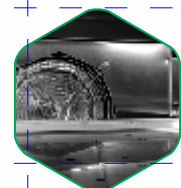
Mode of Operation

User can program a specific profile needed for their application to enable rapid simulation conditions & the need to replicate freezing & thawing during product testing. Upto 4 temperatures set point can be set in cyclic mode.

eg. -20°Cset for 48 hrs, 5°C for 24 hrs, 25°C for 72 hrs and 40°C for 120 hrs. Number of such temperature cycles can be repeated.

Salient features

- All operations through a single 4" Color Touch Screen
- Complete operation driven through I-series controllers with secure data logging system
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- Data logging capacity of upto 1000 readings
- Stainless steel adjustable trays
- Interior is SS304, exterior available in GI
- Double walled PUF insulation
- Ergonomic Design with Single hand operations
- Efficient heat rejection design
- Insulated leakproof Full length door
- PU wheels for easy movement

Tech Specs

- Forced Air Circulation
- High-quality PT-100 Temperature sensor
- Low noise

Innovative features

- Audio/Visual alarms for deviations
- Safety devices
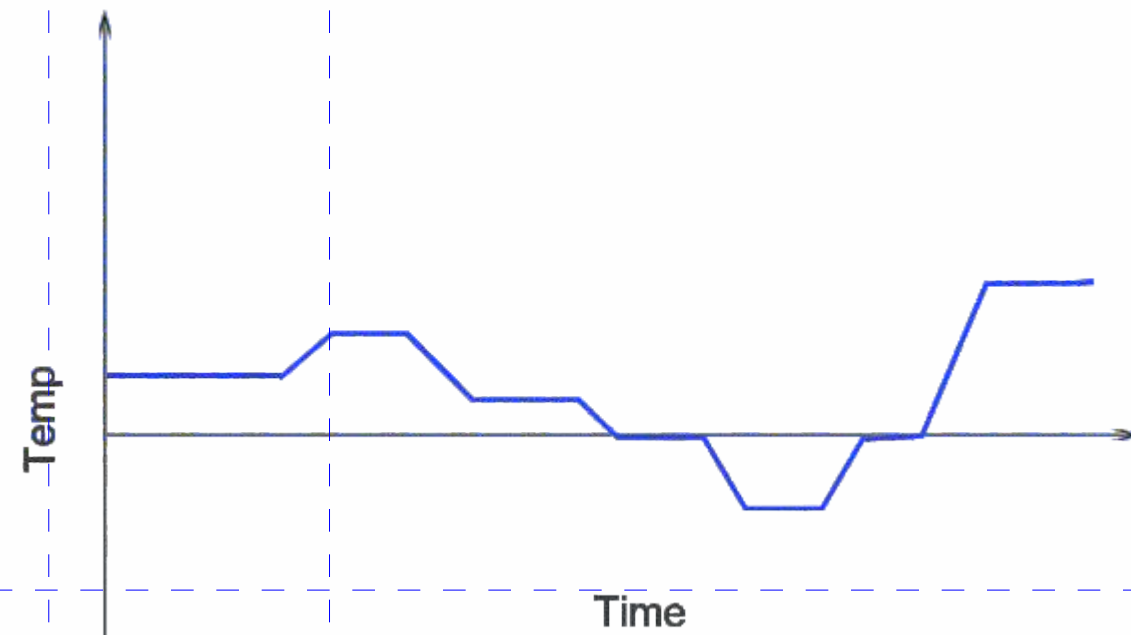- Remote Alarm Contact
- ICDAS Compatible
- MEGVID Compatible

Freeze Thaw Chambers

Temperature Range: -20^{0}C to 50^{0}C

- **We are one stop solutions for stability requirement that includes:**
- Installations and Commissioning
- DQ, IQ, OQ, PQ documentation
- Training
- Online Support
- Annual Maintenance Contract

SPECIFICATIONS

Temperature Range : -20°C to 50°C

Power supply: 230 Volts 50 Hz main supply. Also available with 60 Hz cycle

Optional Accessories

- ➢ ICDAS - A Single Software installation for all Newtronic make equipments
- ➢ Door Access System (Numeric or Biometric)
- ➢ Remote alarm system suitable for upto 4 nos of Newtronic make equipments
- ➢ Mobile Alert System

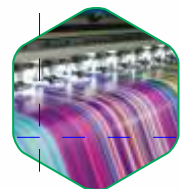## Temperature cyclic graph

Selection Guide

Model	Capacity		Internal Size H* w* D*(mm)	External Size H* w* D*(mm)	Number of Trays	Tray Size (mm)	Equipment Weight (kg)
	Cu Ft.	Liter					
NLFT7MI	7	200	510 x 560 x 700	1500 x 720 x 880	2	540 X 605	175
NLFT11MI	11	300	910 x 560 x 590	1955 x 720 x 770	3	540 X 495	225
NLFT14MI	14	400	910 x 560 x 785	1955 x 720 x 965	3	540 X 690	275
NLFT25MI	25	700	1200 x 800 x 730	2120 x 960 x 960	4	780 X 635	300
NLFT34MI	34	1050	1200 x 1200 x 730	2110 x 1360 x 960	8	490 X 635	325
NLFT54MI	54	1500	1200 x 1500 x 830	2110 x 1660 x 1060	8	660 X 735	350

* Newtronic reserve the rights to change the product specifications without prior notice

Industrial Applications

Pharmaceutical   Ink Industry   Cosmetic   Food & Beverages