

COOLED INCUBATORS

NE7 series, Cooled Incubators

This series of Clifton® Cooled Incubators feature precision temperature control with programming options providing consistent chamber temperatures. Depending on model, controls either feature touch sensitive keys with illuminated LCD display or colour touch screen.

Featuring high grade stainless steel chamber sealed shut with a solid door.

These Cooled Incubators can be fitted with a range of accessories including internal glass door, viewing window in the door, additional shelves and Photoperiodic or Phytotron lighting.



NE7-S series controls, touch keypads, illuminated LCD display



NE7-TP series controls, touch screen 5.7" colour LCD display

Cat. No.	NE7-56S NE7-56TP	NE7-112S NE7-112TP	NE7-240S NE7-240TP
Capacity, litres	56 l	112 l	240 l
Internal Dims ²	395w x 360d x 395h mm	460w x 450d x 540h mm	600w x 510d x 800h mm
Overall Dims	590w x 560d x 950h mm	650w x 650d x 1095h mm	815w x 710d x 1420h mm
Door configuration	Single door	Single door	Double door
Sensitivity @37°C ¹	±0.2°C	±0.2°C	±0.2°C
Uniformity @37°C ⁵	±0.2°C	±0.2°C	±0.2°C
Shelves fitted	2	2	3
Shelves max no.	5	7	10
Watts	400W	400W	800W
Voltage	230V	230V	230V
Weight	69kg	90kg	140kg

1. Sensitivity measurements based on temperature readings on shelf in centre of the chamber.

2. Working capacity of chamber can be smaller.

3. Temperature range can be extended to -10°C as an accessory item, factory configurable.

4. Before ordering please check the room or building access where this Incubator will be installed and electrical power requirements.

5. Uniformity measured in vertical axis in the chamber using Wired Shelves.

6. Incubator constructed from powder coated stainless steel.

Features Include:

- * Temperature
 - range: 0°C to 70°C ³ (0°C to 47°C cooling range)
 - dual pt100 temperature probes ¹¹
- * Controls, NE7-S series
 - Intuitive to use controls, illuminated LCD display, touch sensitive keypads with prompts.
 - Run continuously at set temperature, delay start or commence to start on a date and time in the future.
 - Offers 3 programs, up to 6 temperature and time time segments in each program.
 - Program control of fan speed, exhaust air flap, temperature, time, immediate start, delay start, future start.
 - Data logging to USB.
 - Auto diagnostics with sensor alarms.
 - Power fail alarm, recording and resumption.
 - High and low temperature alarm.
 - Door opening sounder and alarm.
 - Over temperature protection and sample protection.
- * Controls, NE7-TP series
 - Touch screen colour LCD display, intuitive to use.
 - Temperature set and display, 1°C resolution, with fan speed, set temperature and date and time.
 - Run continuously at set temperature, delay start or commence to start on a date and time in the future.
 - Login for each user with 20 programs, up to 9 temperature and time segments in each program.
 - Program control of fan speed, exhaust air flap, temperature, time, immediate start, delay start, future start, cycle to repeat or enable 7-day mode.
 - Data logging to USB.
 - Auto diagnostics with sensor alarms.
 - Power fail alarm, recording and resumption.
 - High and low temperature alarm.
 - Door opening sounder and alarm.
 - Over temperature protection and sample protection.

NE7-400S NE7-400TP	NE7-750S NE7-750TP
400 l	750 l
800w x 510d x 1040h mm	1040w x 600d x 1200h mm
1015w x 710d x 1610h mm	1250w x 810d x 1780h mm
Double door	Double door
±0.3°C	±0.5°C
±0.4°C	±0.5°C
3	5
14	16
1200W	1800W
230V	230V
180kg	280kg



Ask about Chill Buckets - your mobile mini cooled incubator for 8 hours cold benchtop use. The ice bucket, reinvented. No more melted ice, puddles, floating tubes or wet and contaminated samples.

ACCESSORIES - FACTORY FIT OPTIONS

NE7 series Cooled Incubators

ADDITIONAL INTERIOR GLASS DOOR

Cat No.	Description
GD-56	Additional interior glass door, for 56 litre incubators
GD-112	Additional interior glass door, for 112 litre incubators
GD-240	Additional interior glass door, for 240 litre incubators
GD-400	Additional interior glass door, for 400 litre incubators
GD-750	Additional interior glass door, for 750 litre incubators

DOOR WITH VIEWING WINDOW

Cat No.	Description
W-56	Door with viewing window, for 56 litre incubators
W-112	Door with viewing window, for 112 litre incubators
W-240	Door with viewing window, for 240 litre incubators
W-400	Door with viewing window, for 400 litre incubators
W-750	Door with viewing window, for 750 litre incubators

WIRE SHELVES

Cat No.	Description
WS-56	Wire shelf, max 10 kg load, for 56 litre incubators
WS-112	Wire shelf, max 10 kg load, for 112 litre incubators
WS-240	Wire shelf, max 10 kg load, for 240 litre incubators
WS-400	Wire shelf, max 10 kg load, for 400 litre incubators
WS-750	Wire shelf, max 10 kg load, for 750 litre incubators

PERFORATED SHELVES

Cat No.	Description
SP-56	Perforated shelf, max 10 kg load, for 56 litre
SP-112	Perforated shelf, max 10 kg load, for 112 litre incubators
SP-240	Perforated shelf, max 10 kg load, for 240 litre incubators
SP-400	Perforated shelf, max 10 kg load, for 400 litre incubators
SP-750	Perforated shelf, max 10 kg load, for 750 litre incubators

PHOTOPERIODIC SYSTEM

Featuring day and night simulation software, maximum night temperature range -10°C to 70°C and +5°C to 70°C for day temperatures. Light intensity is fixed.

Cat No.	Description
PH-2-56	2 light elements, ceiling mounted, for 56 litre incubators
PH-3-112	3 light elements, ceiling mounted, for 112 litre incubators
PH-5-56	5 light elements, door mounted, for 56 litre incubators
PH-6-112-240	6 light elements, door mounted, for 112, 240 litre incubators
PH-8-240-400	8 light elements, door mounted, for 240, 400 litre incubators
PH-10-750	10 light elements, door mounted, for 750 litre incubators

ADDITIONAL ACCESSORIES ARE AVAILABLE ASK FOR DETAILS.



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.