



*The name you can trust*

Innovation | Technology | Precision



Newtronic Lifecare Equipment Pvt. Ltd.  
[www.newtronic.in](http://www.newtronic.in)

Autoclave | Biological Safety Cabinet | Laminar Air Flow | Web Based Software

Temperature Range: 100°C to 125°C

Autoclave

Standard Equipment

- Unique Slim design with Outer of SS304 and Inner Tank of SS316
- Insulated tank for better performance
- Top-Opening lid, with single lever mechanism and self-bulge seal rim
- PU wheels for easy movement
- Class A PT-100 **4pt. Scanner** for accurate control/monitoring
- All operations through a single 7” Color Touch Screen Display
- Complete Operations driven through IOT enabled controller with data logging
- 6 nos. of pre-loaded recipes (customizable)
- Safety valve for over pressure protection with automatic release of pressure
- Automatic shutdown upon completion of sterilization cycle with release of pressure
- Audio/Visual notification upon cycle completion
- Audio/Visual Alarms for low water level; Temperature deviations
- FO value and Batch-wise Report
- Safety Features: Over-pressure protection; Temperature Cut-off; emergency venting system and automatic pressure lever lock mechanism
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual
- 21 CFR Part II Ready Software
- Traceable audit trails and alarm reports



Power supply: 230 volts 50 Hz main supply.

SPECIFICATIONS

- Temperature Range : 100°C to 125°C
- Pressure Range : up to 2 Bar

Optional Accessories

- ICDAS -A Single Software installation for all Newtronic make equipments
- SS Wire Mesh Baskets

Selection Guide

| Model No | Capacity |       | Tank Size | External Size    | Basket Size | No. of Baskets | Approx. Weight (Kg) |
|----------|----------|-------|-----------|------------------|-------------|----------------|---------------------|
|          | CuFt.    | Liter |           |                  |             |                | Equip.              |
| NLAC2SI  | 2        | 50    | 350 x 540 | 995 x 785 x 570  | 300 x 500   | 1              | 50                  |
| NLAC3SI  | 3        | 100   | 450 x 630 | 1085 x 885 x 670 | 400 x 600   | 1              | 74                  |
| NLAC5SI  | 5        | 150   | 550 x 630 | 1085 x 985 x 770 | 500 x 600   | 1              | 98                  |
| NLAC7SI  | 7        | 200   | 550 x 850 | 1305 x 985 x 770 | 500 x 400   | 2              | 120                 |

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

Features

Ethernet

Touch Screen

Alarms

Safety

# Biological Safety Cabinet

## Standard Equipment



- Exterior available in PCGI or SS304
- Interior available in SS304 or SS316 or SS316L
- Single piece SS working table which can be easily removable for easy cleaning
- Multiple side-entry for Gas knobs
- 4mm Tempered Sliding Glass Door with counter-weight arrangement
- Intermediate pre filter
- H14 - HEPA Filter (99.97% down to 0.3 micron)
- Microprocessor based Controller
- UV light with timer
- Optimal performance of air velocity, airflow and uniformity through dynamic balanced blower/motor
- State-of-the-art Display:
  - Sash status
  - Air Pressure
  - UV Light status
  - UV Burning Hours
  - HEPA status
- Audio & visual alarms for airflow, pressure and sash height
- Digital Pressure monitor
- Door interlock for UV light and blower

**Power supply:** 230 volts 50 Hz main supply.

## AVAILABLE IN

- Class II A2
- Class II B2

## Optional Accessories

- Virus burn unit

## ◆ Selection Guide

| Classification | Model   | Internal Size    | External Size     | Approx. Weight (Kg) |
|----------------|---------|------------------|-------------------|---------------------|
|                |         | (H x W x D) mm   | (H x W x D) mm    | Equip.              |
| Class II A2    | NLBS2A2 | 610 x 610 x 610  | 2200 x 720 x 800  | 130                 |
|                | NLBS3A2 | 610 x 915 x 610  | 2200 x 1030 x 800 | 155                 |
|                | NLBS4A2 | 610 x 1220 x 610 | 2200 x 1330 x 800 | 168                 |
| Class II B2    | NLBS2B2 | 610 x 610 x 610  | 2200 x 720 x 800  | 130                 |
|                | NLBS3B2 | 610 x 915 x 610  | 2200 x 1030 x 800 | 155                 |
|                | NLBS4B2 | 610 x 1220 x 610 | 2200 x 1330 x 800 | 168                 |

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## Features

Alarms



Safety



# Laminar Air Flow Cabinet



## Standard Equipment

- Exterior available in PCGI or SS304
- Interior available in SS304 or SS316 or SS316L
- SS operation table and acrylic side baffle
- Compact design for Ultraclean dustfree environment
- Fully enclosed sides to create positive pressure inside the cabinet
- Intermediate pre filter
- H14 - HEPA Filter (99.97% down to 0.3 micron)
- UV light with timer
- Optimal performance of air velocity, airflow and uniformity through dynamic balanced blower/motor
- State-of-the-art Display:
  - Sash status
  - Air Pressure
  - UV Light status
  - UV Burning Hours
  - HEPA status
- Audio & visual alarms for airflow and sash height
- Multiple side entry for Gas knob

**Power supply:** 230 volts 50 Hz main supply.

## AVAILABLE IN

- Horizontal
- Vertical

## ◆ Selection Guide

| Model  |        | Internal Size    | External Size     | Approx. Weight (Kg) |
|--------|--------|------------------|-------------------|---------------------|
|        |        | (H x W x D) mm   | (H x W x D) mm    | Equip.              |
| NLHL2S | NLHL2M | 610 x 610 x 610  | 2080 x 720 x 870  | 90                  |
| NLHL3S | NLHL3M | 610 x 915 x 610  | 2080 x 1030 x 870 | 115                 |
| NLHL4S | NLHL4M | 610 x 1220 x 610 | 2080 x 1330 x 870 | 133                 |

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**NEWTRONIC LIFECARE EQUIPMENT PVT. LTD.**  
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