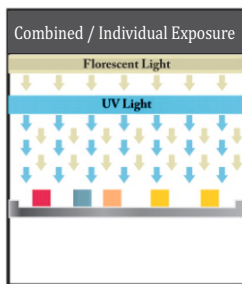


Temperature Range: 10°C to 40°C

Photo Stability Chambers



Small, Efficient, Sufficient



Standard Equipment

- Double walled with PUF insulation
- SS 304 Interior & Exterior either SS 304 or Mild Steel. **Additionally Interior walls are flushed with mirrors**
- Stainless Steel trays
- Full-length inner glass door, metal door with gasket & lock on the outside.
- Forced air circulation for uniform temperature
- PU wheels for easy movement
- Fluorescent LED light fitted on the top of the inner chamber to provide illumination & produce visible light measured in lux
- UV light of wavelength 365nm (measured in watt/sq. m.) fitted on top of the chamber
- U-shaped SS tubular heaters.
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser.
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings
- High speed Ethernet based communication.
- All operations through a single 7" Color Touch Screen.
- High-quality PT-100 Temperature sensor.
- Safety devices: Low & high temperature cut-off settable thermostats.
- **Safety thermostat switches off the lights upon temperature overshoot.**
- **Automatic switch off of UV lights upon door opening.**
- Audio/Visual alarms for deviations.
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

***Also available:** Photostability Chambers with Humidity control

SPECIFICATIONS

- Temperature Range : 10°C to 40°C
- Temperature Accuracy : ± 0.5°C
- Temperature Uniformity : ± 1°C

Optional Accessories

- ICDAS -A Single Software installation for all Newtronic make equipments
- LUX and UV meter
 - Hand held OR
 - Real-time measurement by inbuilt sensor
- Door Access System (Numeric or Biometric)
- Remote alarm system suitable for upto 4 nos. Newtronic make equipment
- Mobile Alert System

◆ Selection Guide

| Model | Capacity | | Internal Size (H*W*D) mm | External Size (H*W*D) mm | Trays Qty. | Trays Size (W*D) mm | Approx. Weight (Kg) | |
|-----------|----------|-------|-----------------------------|-----------------------------|------------|------------------------|---------------------|-------|
| | CuFt. | Liter | | | | | Equip. | Ship. |
| NLPS4SI | 4 | 100 | 450 X 450 X 480 | 925 X 700 X 720 | 1 | 410 X 440 | 125 | 220 |
| NLPS8SI | 8 | 227 | 600 X 630 X 600 | 1410 X 790 X 1055 | 1 | 580 X 560 | 175 | 250 |
| *NLPSH8SI | 8 | 227 | 600 X 630 X 600 | 1410 X 790 X 1075 | 1 | 580 X 560 | 185 | 260 |

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

| | | | | | | | | | |
|----------|----------|-------------|--------------|--------|--------------|--------------|--------|----------|-----------|
| Features | Ethernet | PLC Control | Touch Screen | Alarms | Mobile Alert | E-mail Alert | Safety | Software | Documents |
| | | | | | | | | | |