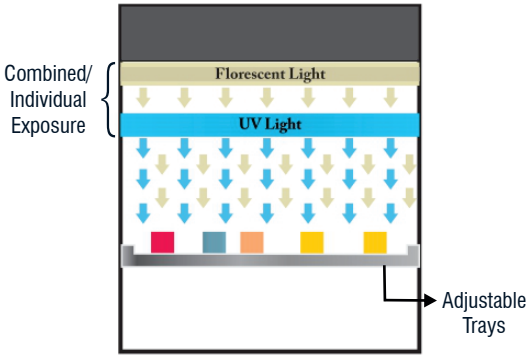
Temperature Range: 10ºC to 40ºC

Photostability Chambers



Small, Efficient, Sufficient

Standard Equipment

- Double walled with PUF insulation
- SS304 Interior & Exterior either SS304 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 & Operational 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	External Size	Trays Qty.	Trays Size
	CuFt.	Liter	(H*W*D) mm	(H*W*D) mm		(W*D) mm
NLPS4SI	4	100	450 x 450 x 480	930 x 700 x 755	1	410 x 440
NLPS8SI	8	227	600 x 630 x 600	1410 x 790 x 1055	1	580 x 560
*NLPSH8SI	8	227	600 x 630 x 600	1410 x 790 x 1075	1	580 x 560

NLEPL/PRC/0825/4.1

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

Features