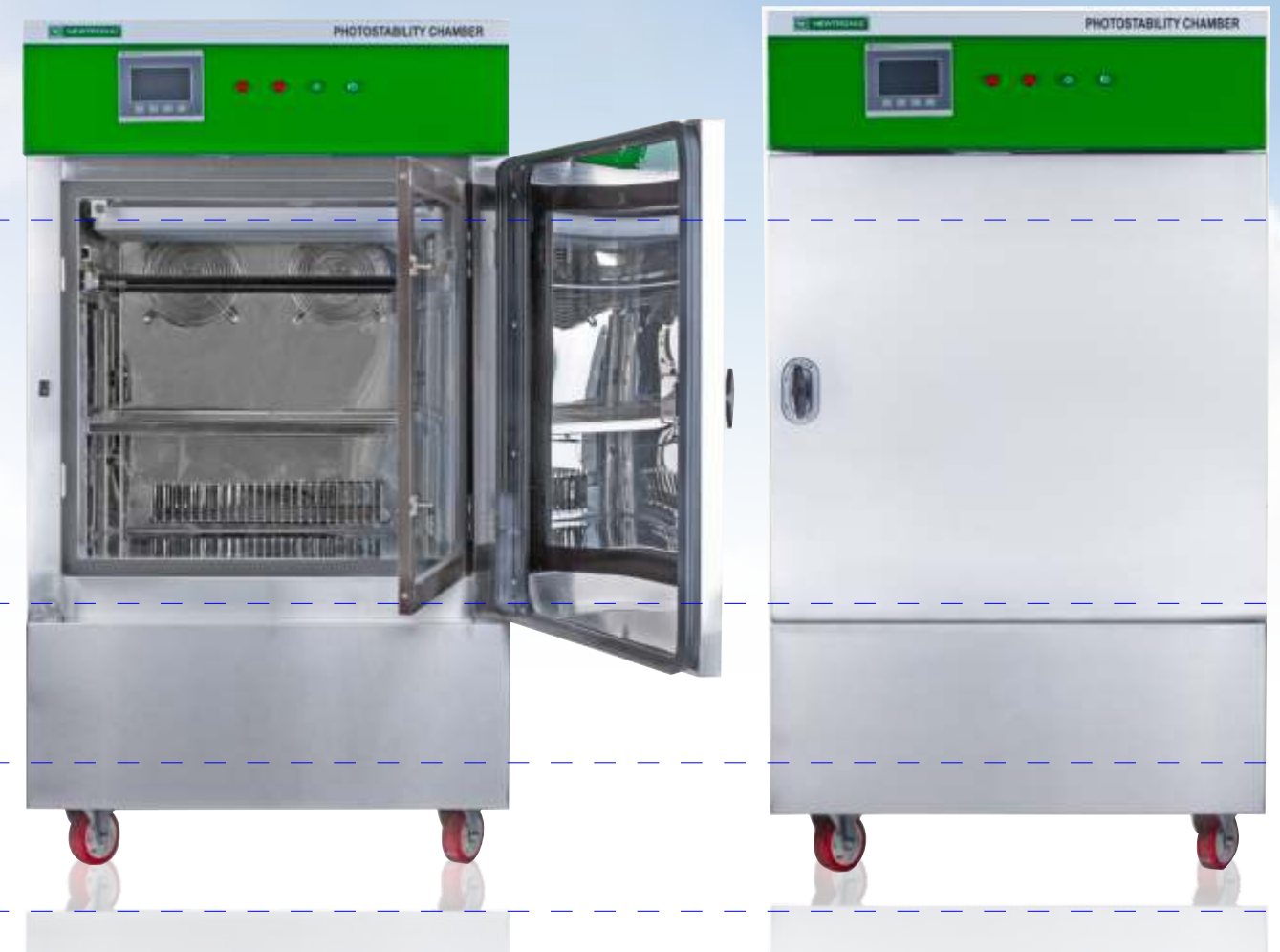


Let the sun shine and not
smash your product

Small, Efficient, Sufficient



100 ltr | 4 Cu Feet



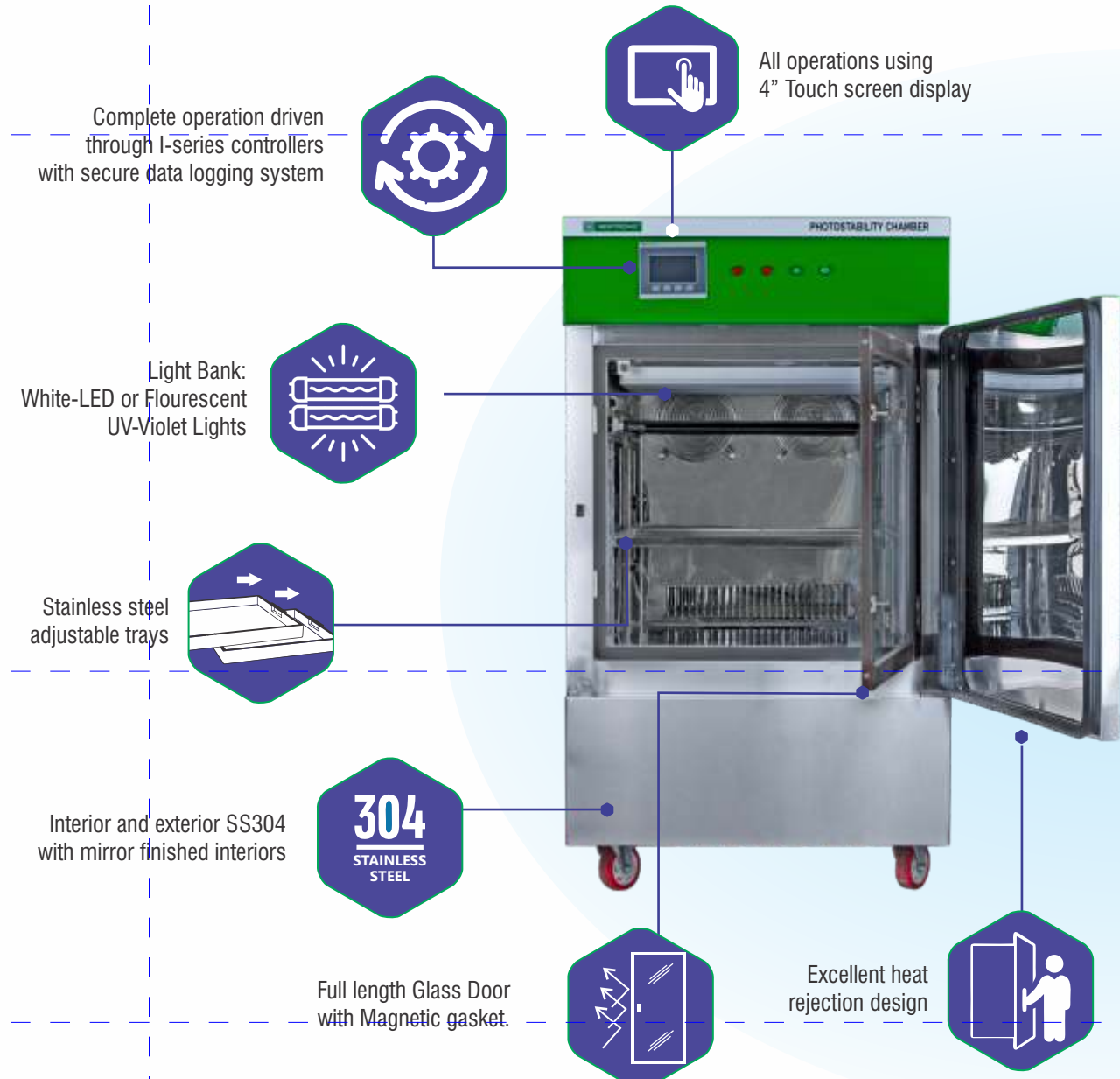
227 ltr | 8 Cu Feet

Photo Stability Chamber

Temperature Range: 20°C to 60°C
Humidity Range: 40% Rh to 95% Rh

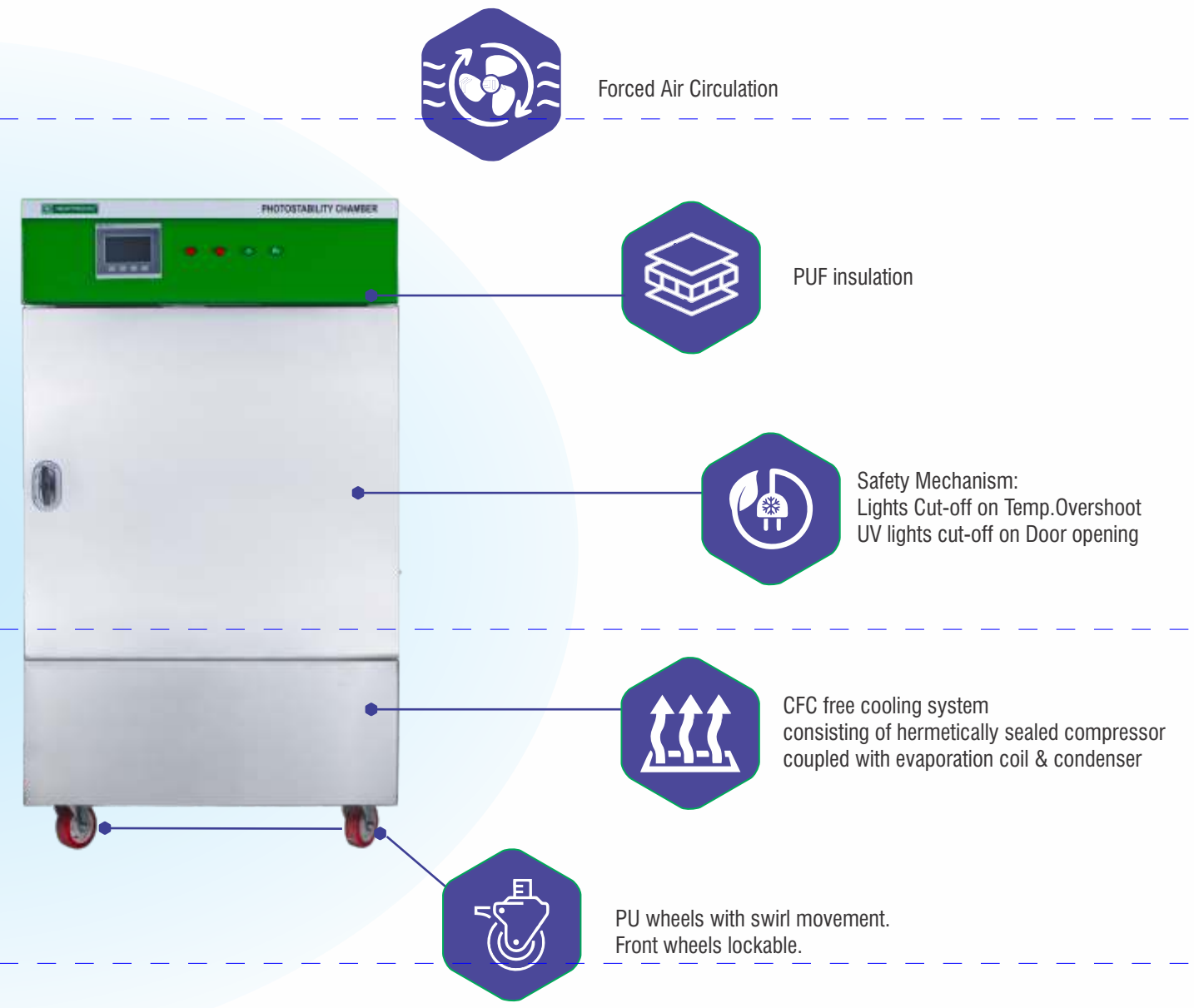
Sunlight is a powerful force. The sun emits radiation across most of the electromagnetic spectrum, including significant amounts of UV radiation. UV rays are capable of breaking molecular bonds in objects they impact. Chemical breakdowns in medications or vitamins need to be avoided, so it's critical to make sure that pharmaceuticals and nutraceuticals remain stable for the duration of their expected shelf-life when exposed to light. This is done by testing the photostability of the product. Photostability can impact shelf life, handling, and packaging of the product.

Salient features



Also Available with Humidity Control

For option 2 the sample should be exposed to both the cool white fluorescent and near ultraviolet lamp.
1. A cool white fluorescent lamp designed to produce an output similar to that specified in ISO 10977(1993) ; and
2. A near UV fluorescent lamp having a spectral distribution from 320 nm to 400 nm with a maximum energy emission between 350 nm and 370 nm; a significant proportion of UV should be in both bands of 320 to 360 nm and 360 to 400 nm



Tech Specs

- Uniform Distribution of Light
- High Quality Temp.-RH Sensor
- High Quality PT 100 Sensor
- UV light of wavelength 365 nm (measured in watt/sq m)

Innovative features

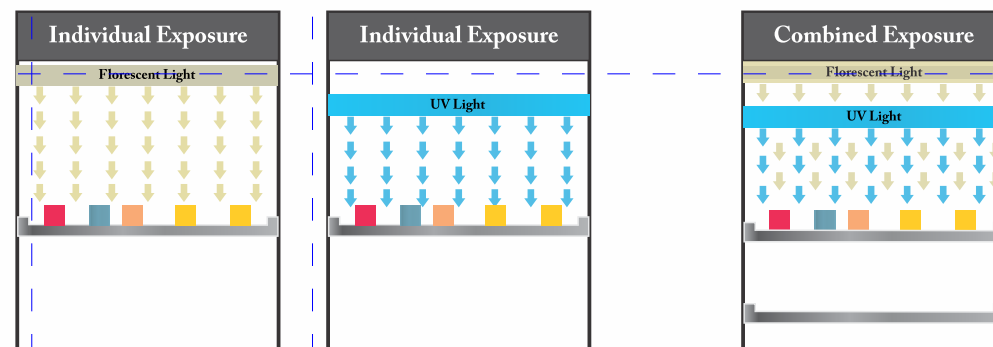
- Alarms
- Safety devices
- Remote Alarm Contact
- ICDAS
- ICDAS Compatible
- MEGVID
- MEGVID Compatible

Photo Stability Chamber

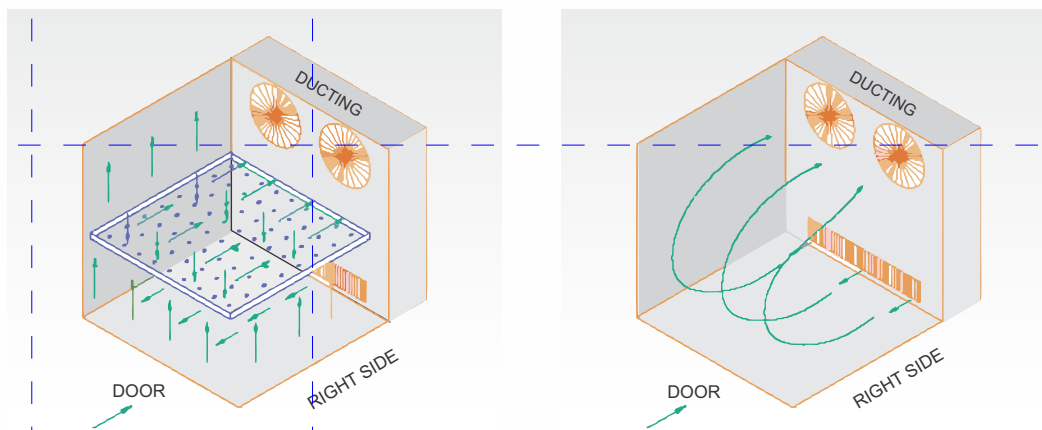
Temperature Range: 20°C to 60°C
Humidity Range: 40% Rh to 95% Rh

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

Light exposure diagram



Airflow Pattern



Industrial Applications



Pharmaceutical



Biotechnology



Cosmetic



Food & Beverages



Logistics

SPECIFICATIONS

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

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

Optional Accessories

- Available with humidity System (with 227 ltr. only)
- 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 equipments
- Mobile Alert System

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					
NLPS4SI	4	100	450 x 450 x 480	925 x 700 x 720	1	410 X 440	125
NLPS8SI	8	227	600 x 630 x 600	1410 x 790 x 1055	1	580 X 560	175
NLPSH8SI	8	227	600 x 630 x 600	1410 x 790 x 1075	1	580 X 560	185

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