

Photostability Chambers



The name you can trust

As per
ICH Q1B



Small, Efficient, Sufficient

Manufacturer of : Humidity Chamber | Walk In Chamber | Cooling Chamber | Photostability Chamber
Laboratory Incubator & Oven | Vacuum Oven | Refrigerator & Deep Freezer

Newtronic was founded in 1980 in Mumbai, India. We design, manufacture, and market products that are used primarily by Agricultural, Pharmaceuticals and Test labs to test their products quality and environmental effects. Our product lines include Temperature, Humidity and Light testing chambers.

Lighting System

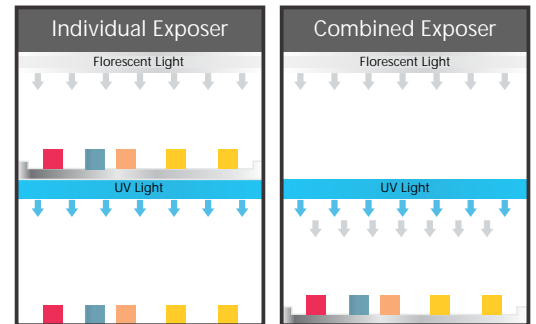
Newtronic Photostability chambers provide lights as per option 2 mentioned in ICH guidelines.

- ◆ A cool white florescent light for 1.2 million LUX hours exposure.
- ◆ UV-A lights for 200 watt hours/square meter exposure.
- ◆ Both the lights have independent control to avoid over exposure.

Flexibility

For better study results flexibility of combined exposure or individual exposure is provided.

- ◆ A removable center tray is provided this divides chamber in two compartments. Upper compartments have visible light source and bottom compartment has UV light source.
- ◆ For individual exposure testing keep the center tray in place and remove it for combined exposure.



Small, Efficient, Sufficient

Though this equipment is smaller in size, it has all the features of other competent products. With its efficient light exposer systems to fulfill the desired test requirements in couple of days. Thus our small size chamber is sufficient to handle large quantity of test samples.

Control System

- ◆ The equipment is PLC controlled and has controlled exposure with temperature and humidity (optional).
- ◆ The light gets OFF automatically once the exposure is achieved.
- ◆ Refrigeration and PID control heating systems are provided to carry out testing at a precise temperature.
- ◆ Humidity control system can also be provided.

Safety and Alarms

To protect samples/human/equipment various safety and alarming systems are provided. An over and under temperature safety devices doesn't allow temperature to vary more than set limits. UV light supply is cutoff in case of door is opened. Alarms are provided for temperature/humidity variations and utility failures.

Recording, PC Interface, Documentation

To satisfy regulatory requirements the equipment has Ethernet interface for communication with ICDAS software. It records temperature control, LUX exposure, UV exposure and optional humidity control parameters. Various documents such as IQ, OQ, PQ protocols, calibration certificates are provided with equipment

Ordering Information

Powder Coated Exterior M.S., Interior S.S.	Exterior S.S.	Capacity		Internal Dimension	External Dimension	Weight (Kg)		Trays	Tray Size
	Interior S.S.	Cuft.	Liters	HxWxD (mm)	HxWxD (mm)	Equipment	Shipping	Nos	(mm)
NEC 104RTSPI	NEC 104RTSPSI	4	100	450 x 450 x 480	875 x 700 x 645	80	155	1	410 x 440
NEC 108RSPI	NEC 108RSPSI	8	227	600 x 630 x 600	1285 x 790 x 895	200	275	1	580 x 550

Optional Accessories

1. ICDAS software: Centralized work station for viewing, trending performance of equipment. Software complies to US FDA 21 CFR Part 11.
2. Calibrated LUX and UV-A meters to measure visible light and UV light intensities.
3. Touch screen display.

Innovation | Technology | Precision



www.newtronic.in



The name you can trust

NEWTRONIC LIFECARE EQUIPMENT PVT. LTD.

108-ABCD, Kandivli Co-op. Ind. Estate Ltd. Charkop, Kandivli (W), Mumbai-400 067, India. | Tel: +91-22-2967 5114/15 | Fax: +91-22-2867 6059
E-mail: sales@newtronic.in