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scientific equipments
A Thermolab Group Company

Photostability Chamber



Thermolab's Photostability Chambers are developed according to the ICH Q1B guidelines keeping in mind that light testing is an integral part of the stress testing. The chambers closely monitor temperature, Humidity (optional) and light intensity on the drug and drug substance

Standard Features

- Interior stainless steel and exterior Stainless steel finish.
- Fluorescent Tubes for day light effect and UV tubes for ultra violet ray in accordance to the ICH guidelines requirement of a lighting energy for 1.2 million lux hours and UV-A light for 200 watt hours/m².
- Complete with standby refrigeration system in case the regular system fails.
- Inside observation glass door.
- Data logging of UV and LUX Readings in the PLC along with date, time, temperature (and humidity if selected).
- Automatic switch off of UV and fluorescent light when the test is over giving alarm.
- PLC based control system with 7" colour HMI.
- CFC free refrigeration system.
- Complete with IQ, OQ, PQ documents,
- Operations and Maintenance manuals.
- Works on 230 V AC single phase 50 Hz.



Optional Features:

- 21 CFR Part 11 compliance window based communication software for data management
- Humidity system with steam injection and reservoir tank with water level arrangement
- Switch over to stand by humidity system in case the regular system fails
- Door access security system
- Mobile Alarm SMS system

Specifications:

- GMP Model: Inside S.S. 304 with mirror polish & outside with S.S. 304
- Operating Conditions : 25°C OR 25°C & 60% RH
- Temperature Uniformity : $\pm 2.0^{\circ}\text{C}$
- Humidity Uniformity (optional) : $\pm 5.0\%$ RH

Technical Data

MODELS (G)	CAPACITY CU.FT/ LTRS	INTERNAL SIZE W x D x H cms	EXTERNAL SIZE W x D x H cms	LIGHT BANKS NO'S
TP 200 G	8/200	60 x 63 x 60	87.5 x 106.5 x 117	1

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Unit II



"As part of our continuous improvement program, design specifications and photographs given in this brochure are subject to change without notice and without attracting obligations for pre modification to equipment previously sold"

Unit I

