

Visible and UV Photostability Chamber Series

Temperature-controlled photostability testing with adjustable visible light and near-UV exposure. Select one to four illuminated shelf levels to suit the study.



Technical Information

Model	PT-ENV-110
Temperature range (°C)	20-65
Temperature fluctuation (°C)	±0.5
Temperature deviation (°C)	±1 (±2 with illumination)
Illuminance (lx)	10-10000
Illuminance deviation (lx)	±500
UV irradiance (μW/cm²)	80-100
UV wavelength (nm)	320-400
Power supply	220 V / 50 Hz
Operating ambient conditions	5-35 °C; ≤85% RH

Configuration A

Illuminated shelves	1
Installed power (W)	1100
Internal dimensions (mm)	600×600×600
External dimensions (mm)	1200×810×1250
Packed dimensions (mm)	1290×880×1420
Net mass (kg)	195

Configuration A

Shelves	1
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Configuration B

Illuminated shelves	2
Installed power (W)	1500
Internal dimensions (mm)	600×600×1300
External dimensions (mm)	1210×830×1950
Packed dimensions (mm)	1290×920×2110
Net mass (kg)	290
Shelves	2

Configuration C

Illuminated shelves	3
Installed power (W)	1600
Internal dimensions (mm)	600×600×1300
External dimensions (mm)	1210×830×1950
Packed dimensions (mm)	1290×920×2110
Net mass (kg)	290
Shelves	3

Configuration D

Illuminated shelves	4
Installed power (W)	1700
Internal dimensions (mm)	600×600×1300
External dimensions (mm)	1210×830×1950
Packed dimensions (mm)	1290×920×2110
Net mass (kg)	295

Configuration D

Shelves

4

Equipment & Construction

Forced-air circulation, digital temperature control, a stainless-steel interior and overtemperature protection. The listed configuration determines chamber dimensions and shelf quantity.

Configuration Options

Confirm recording, monitoring, qualification documents and any additional accessories in the quotation. These are not a blanket certification or a promise of standard supply.

Ordering Information

Specify the series model, configuration letter, sample load, setpoints, installation space and destination power requirements. All dimensions are depth × width × height. Confirm the final configuration and applicable test protocol before ordering. Performance values are specified for the selected configuration. Do not combine temperature or humidity limits from different configurations. Supply is listed as 220 V / 50 Hz; other electrical requirements need confirmation.