

Photostability Test Chamber

Controlled temperature, humidity, visible light and UV exposure for pharmaceutical stability studies. Integrated printing and USB recording support traceable test records.



Technical Information

Capacity	500 L
Temperature range	5-65 °C
Humidity range	35-95% RH
Illuminance range	0-10000 lx
UV wavelength range	320-400 nm
Temperature fluctuation	±0.5 °C
Temperature resolution	0.1 °C
Temperature uniformity	±1 °C
Humidity fluctuation	±5% RH
Humidity resolution	0.1% RH
Illuminance deviation	±500 lx
UV irradiance	80-100 µW/cm²
Power	1169 W
Electrical supply	220 V AC; 50 Hz

Technical Information

Refrigerant	R134a
Chamber dimensions	1080 × 490 × 1000 mm
Dimensions	1150 × 650 × 1620 mm
Standard shelves	6
Test port diameter	30 mm
Timer	0-9999 min
Overtemperature limit	±4 °C; 70 °C
Integrated printer	yes
Communication	USB
Control	PID
Referenced methods (confirm applicability)	GB/T 10586-2006; ChP 2020

Standard Configuration

Six adjustable shelves, built-in printer, USB data recording and internal humidification reservoir. Confirm the light-exposure protocol and loading conditions in the quotation.

Optional Configuration

Accessories, consumables, printer supply and application-specific options are included only when expressly itemized in the quotation.

Selection and ordering

State the PRECETTA model, application, selected configuration, quantity and destination. Download the complete PDF for all verified specifications and configuration details. Confirm site utilities and sample compatibility before ordering.

Technical Information

PID control, polyurethane insulation, stainless-steel chamber, self-diagnosis and independent temperature protection are documented. The left test port is 30 mm. The water-reservoir refill interval is approximately 10-15 days under the stated operating concept; actual use depends on conditions. Define visible-light and UV exposure separately for the study protocol.