

Technical datasheet

Double-Door Wide-Range Configurable Chambers

Temperature-controlled base chambers, 0-85 °C, with audit records and USB export. Humidity, shelf lighting and near-UV require selected modules.



Representative exterior. Dimensions, shelves and internal modules follow the selected model and configuration.

Key features

7-inch touchscreen with audit trail

30 program segments and 99 cycles

Standard embedded printer; USB / RS-232 / RS-485

Standard Configuration

7-inch touchscreen with USB export, event audit trail and user permissions. Includes variable-speed refrigeration, antifog glass inner door, mechanical lock, embedded printer, USB, RS-232 and RS-485, two side validation ports (30 mm inside diameter) and condensate recovery. Adjustable circulation airflow and multilevel passwords are included. The base configuration provides temperature control. Humidification, lighting and near-UV modules are not included in the base configuration.

Optional Accessories

Select humidity, lighting and/or near-UV modules when requesting a quote. Extension power depends on the selected configuration. UV values apply only to a selected UV extension. Confirm module/source quantities, installation compatibility, software, remote messaging and qualification documents; no regulatory certification or field-retrofit capability is assured. Confirm the selected modules and combined operating conditions. Power for simultaneous light and UV is not specified.

Technical Information

Parameter	Value
Base temperature range	0-85 °C
Temperature resolution	0.1 °C
Temperature fluctuation at 25 °C	±0.3 °C
Temperature uniformity at 25 °C	±1 °C
Program segments / cycles	30 / 99
Electrical supply	220 V ±10 V / 50 / 60 Hz
Operating ambient	10-30 °C

Model	Base (W)	Shelves: supplied / maximum
PT-ENV-036	2500	4 / 12
PT-ENV-037	2600	4 / 12
PT-ENV-038	2700	4 / 12

Model	Time per segment	Selected light/UV option: maximum positions
PT-ENV-036	1-999 h	4
PT-ENV-037	1-999 h	4
PT-ENV-038	1-9999 h	4

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-ENV-036	1200 × 610 × 1100	1362 × 1020 × 1794
PT-ENV-037	1200 × 760 × 1100	1362 × 1130 × 1794
PT-ENV-038	1400 × 850 × 1350	1562 × 1260 × 2050

Model	Base (W)	Humidity option (W)	Light OR UV (W)	Humidity + light OR UV (W)
PT-ENV-036	2500	3100	2850	3450
PT-ENV-037	2600	3200	2950	3550
PT-ENV-038	2700	3300	3050	3650

Technical Information

Humidity / illumination state	Temperature range
Humidity off / light off	0-85 °C
Humidity off / light on	10-85 °C
Humidity on / light off	10-60 °C
Humidity on / light on	15-60 °C

Parameter	Value
Humidity-only option: range	20-98%
Humidity + light/UV option: humidity range	20-98%
Listed humidity fluctuation	±3%
Illuminance: continuously adjustable	0-10000 lx
Listed illuminance deviation	±500 lx
Selected near-UV option: listed irradiance	0-2 W/m ²
Selected near-UV option: spectrum	320-400 nm

Selection / Ordering Information

Specify the PRECETTA model, temperature, humidity, illumination/UV needs and required modules. Confirm combined operating conditions, utilities, source quantities, installation and delivery before ordering.