

Technical datasheet

## Double-Door Wide-Range Photostability Chambers

Humidity-controlled photostability chambers with continuously adjustable 0-10000 lx shelf lighting, a 7-inch touchscreen and an audit trail.



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. Humidity control and one shelf-lighting module including one light source are standard. Additional follower sources and maximum lighting positions vary by model; refer to the configuration table. Humidification uses surface evaporation outside the working chamber.

### Optional Accessories

Near-UV module is optional: listed 0-2 W/m<sup>2</sup>, 320-400 nm; it is not a germicidal-UV claim. Additional light sources follow the control module and have no independent display or printing. Extra shelves, software, remote messaging and qualification documents require quotation confirmation. No regulatory certification is assured. Confirm the selected modules and combined operating conditions. Power for simultaneous light and UV is not specified.

## 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      |
|--------------------------------------|------------|
| 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    |
| Time per segment                     | 1-9999 h   |
| Listed humidity range                | 20-98%     |
| Listed humidity fluctuation          | ±3%        |
| Illuminance: continuously adjustable | 0-10000 lx |
| Listed illuminance deviation         | ±500 lx    |

## Technical Information

| Model      | Input power (W) | Shelves: supplied / maximum |
|------------|-----------------|-----------------------------|
| PT-ENV-030 | 3450            | 4 / 12                      |
| PT-ENV-031 | 3550            | 4 / 12                      |
| PT-ENV-032 | 3650            | 4 / 12                      |

| Model      | Chamber dimensions (mm) | External dimensions (mm) |
|------------|-------------------------|--------------------------|
| PT-ENV-030 | 1200 × 610 × 1100       | 1362 × 1020 × 1794       |
| PT-ENV-031 | 1200 × 760 × 1100       | 1362 × 1130 × 1794       |
| PT-ENV-032 | 1400 × 850 × 1350       | 1562 × 1260 × 2050       |

## Technical Information

| Model      | Included light modules (each includes one source) | Additional follower sources included | Maximum lighting positions, including modules |
|------------|---------------------------------------------------|--------------------------------------|-----------------------------------------------|
| PT-ENV-030 | 1                                                 | 1                                    | 4                                             |
| PT-ENV-031 | 1                                                 | 1                                    | 4                                             |
| PT-ENV-032 | 1                                                 | 1                                    | 4                                             |

| Parameter                                  | Value                |
|--------------------------------------------|----------------------|
| Selected near-UV option: listed irradiance | 0-2 W/m <sup>2</sup> |
| 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.