

Technical datasheet

LCD Temperature and Humidity Chambers

Temperature and humidity chambers with standard 50-90% RH control, 30-segment programming and variable-speed refrigeration.



Representative exterior view. Chamber dimensions, door arrangement and supplied shelves vary by model; consult the specification table.

Key features

Standard heated humidifier and external tank

30 segments and 99 cycles

RS-485, glass inner door and two test ports

Standard Configuration

Stainless steel chamber, LCD temperature/humidity/timer controller, 30 segments and 99 cycles, glass inner door, mechanical lock, two 30 mm test ports, RS-485, heated humidifier with external water tank, overtemperature alarm and power-restoration memory.

Optional Accessories

Confirm any additional shelves and accessories in the quotation. Software, audit trails and validation services are not listed as standard. UV lamps and lighting are not documented as supplied for this series.

Technical Information

Parameter	Value
Temperature resolution	0.1 °C
Load per shelf	15 kg
Temperature without humidity control	0-60 °C
Temperature with humidity control	10-60 °C
Humidity range	50-90% RH
Humidity fluctuation	±5% RH
Temperature fluctuation	±0.5 °C (25 °C)
Timer range	0-9999 min

Model	Input power (W)	Supplied shelves	Uniformity at 25 °C
PT-INC-024	1450	3	±1 °C
PT-INC-025	1500	4	±1 °C
PT-INC-026	1700	4	±1 °C
PT-INC-027	3800	6	±1.5 °C

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-INC-024	510 × 390 × 760	650 × 680 × 1400
PT-INC-025	510 × 450 × 1100	650 × 740 × 1726
PT-INC-026	600 × 640 × 1050	745 × 930 × 1695
PT-INC-027	1220 × 585 × 1123	1503 × 910 × 1820

Selection / Ordering Information

Specify the model, sample or application, working temperature and required shelf arrangement. Confirm electrical supply and the final configuration before ordering.