

Technical datasheet

Programmable Temperature and Humidity Test Chambers

Programmable environmental test chambers with model-specific lower temperature limits of -20, -40, -60 or -70 °C, an upper limit of 150 °C and listed humidity control of 20-98% RH.



Representative exterior. Dimensions, door arrangement and final equipment configuration follow the selected model and approved specification.

Key features

- Four model-specific temperature ranges
- 7-inch touchscreen, stored history and USB export
- SUS304 chamber and shelves; printer optional

Standard Configuration

7-inch touchscreen, multisegment programming, adjustable circulation airflow, password lock, stored history/curve display and USB export. Includes a SUS304 chamber and shelves, USB and RS-485, one validation port, antifog observation window and condensate recovery. Temperature and compressor/fan protection functions are listed. Humidity control and a mechanical door lock are included.

Optional Accessories

Printer is optional. Confirm sample loading, temperature profile, supply frequency and installation. Listed temperature stability values are specified at 37 °C; verify performance at other conditions. No regulatory certification, audit-trail function or fixed heating/cooling duration is assured. Water softener is optional; confirm the combined temperature/humidity operating envelope.

Technical Information

Parameter	Value
Temperature resolution	0.1 °C
Temperature fluctuation at 37 °C	$\leq \pm 0.5$ °C
Temperature uniformity at 37 °C	$\leq \pm 2$ °C
Electrical supply	380 V
Humidity range	20-98% RH
Humidity resolution	0.1% RH
Listed humidity fluctuation	$\leq \pm 3$ % RH

Technical Information

Model	Temperature range	Input power (kW)	Shelves included
PT-ENV-060	-20-150 °C	2.5	2
PT-ENV-061	-40-150 °C	3.5	2
PT-ENV-062	-60-150 °C	4.5	2
PT-ENV-063	-70-150 °C	4.5	2
PT-ENV-064	-20-150 °C	4.5	2
PT-ENV-065	-40-150 °C	5.5	2
PT-ENV-066	-60-150 °C	5.5	2
PT-ENV-067	-70-150 °C	5.5	2
PT-ENV-068	-20-150 °C	5	2
PT-ENV-069	-40-150 °C	6.5	2

Technical Information

Model	Temperature range	Input power (kW)	Shelves included
PT-ENV-070	-60-150 °C	7.5	2
PT-ENV-071	-70-150 °C	7.5	2
PT-ENV-072	-20-150 °C	5.5	3
PT-ENV-073	-40-150 °C	7.5	3
PT-ENV-074	-60-150 °C	8.5	3
PT-ENV-075	-70-150 °C	8.5	3
PT-ENV-076	-20-150 °C	6	4
PT-ENV-077	-40-150 °C	8.5	4
PT-ENV-078	-60-150 °C	10.5	4
PT-ENV-079	-70-150 °C	10.5	4

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-ENV-060	400 × 300 × 400	600 × 1280 × 1520
PT-ENV-061	400 × 300 × 400	600 × 1280 × 1520
PT-ENV-062	400 × 300 × 400	600 × 1280 × 1520
PT-ENV-063	400 × 300 × 400	600 × 1280 × 1520
PT-ENV-064	500 × 400 × 500	700 × 1380 × 1620
PT-ENV-065	500 × 400 × 500	700 × 1380 × 1620
PT-ENV-066	500 × 400 × 500	700 × 1380 × 1620
PT-ENV-067	500 × 400 × 500	700 × 1380 × 1620
PT-ENV-068	600 × 550 × 750	800 × 1180 × 1850
PT-ENV-069	600 × 550 × 750	800 × 1180 × 1850

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-ENV-070	600 × 550 × 750	800 × 1180 × 1850
PT-ENV-071	600 × 550 × 750	800 × 1180 × 1850
PT-ENV-072	800 × 800 × 800	1000 × 1450 × 1780
PT-ENV-073	800 × 800 × 800	1000 × 1450 × 1780
PT-ENV-074	800 × 800 × 800	1000 × 1450 × 1780
PT-ENV-075	800 × 800 × 800	1000 × 1450 × 1780
PT-ENV-076	1000 × 1000 × 1000	1200 × 1980 × 2100
PT-ENV-077	1000 × 1000 × 1000	1200 × 1980 × 2100
PT-ENV-078	1000 × 1000 × 1000	1200 × 1980 × 2100
PT-ENV-079	1000 × 1000 × 1000	1200 × 1980 × 2100

Selection / Ordering Information

Specify the PRECETTA model, sample loading, temperature profile, humidity needs, dimensions and site utilities. Confirm the combined operating envelope, installation and final supply before ordering.