

Technical datasheet

Programmable High and Low Temperature Test Chambers

Programmable thermal test chambers with model-specific lower temperature limits of -20, -40, -60 or -70 °C and an upper limit of 150 °C. Five chamber sizes are available; humidity control is not specified.



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.

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.

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

Technical Information

Model	Temperature range	Input power (kW)	Shelves included
PT-ENV-080	-20-150 °C	1.5	2
PT-ENV-081	-40-150 °C	2.5	2
PT-ENV-082	-60-150 °C	3.5	2
PT-ENV-083	-70-150 °C	3.5	2
PT-ENV-084	-20-150 °C	3.5	2
PT-ENV-085	-40-150 °C	4.5	2
PT-ENV-086	-60-150 °C	4.5	2
PT-ENV-087	-70-150 °C	4.5	2
PT-ENV-088	-20-150 °C	4	2
PT-ENV-089	-40-150 °C	5.5	2

Technical Information

Model	Temperature range	Input power (kW)	Shelves included
PT-ENV-090	-60-150 °C	6.5	2
PT-ENV-091	-70-150 °C	6.5	2
PT-ENV-092	-20-150 °C	4.5	3
PT-ENV-093	-40-150 °C	6.5	3
PT-ENV-094	-60-150 °C	7.5	3
PT-ENV-095	-70-150 °C	7.5	3
PT-ENV-096	-20-150 °C	5	4
PT-ENV-097	-40-150 °C	7	4
PT-ENV-098	-60-150 °C	9	4
PT-ENV-099	-70-150 °C	9	4

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Model	Chamber dimensions (mm)	External dimensions (mm)
PT-ENV-080	400 × 300 × 400	600 × 1280 × 1520
PT-ENV-081	400 × 300 × 400	600 × 1280 × 1520
PT-ENV-082	400 × 300 × 400	600 × 1280 × 1520
PT-ENV-083	400 × 300 × 400	600 × 1280 × 1520
PT-ENV-084	500 × 400 × 500	700 × 1380 × 1620
PT-ENV-085	500 × 400 × 500	700 × 1380 × 1620
PT-ENV-086	500 × 400 × 500	700 × 1380 × 1620
PT-ENV-087	500 × 400 × 500	700 × 1380 × 1620
PT-ENV-088	600 × 550 × 750	800 × 1180 × 1850
PT-ENV-089	600 × 550 × 750	800 × 1180 × 1850

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Model	Chamber dimensions (mm)	External dimensions (mm)
PT-ENV-090	600 × 550 × 750	800 × 1180 × 1850
PT-ENV-091	600 × 550 × 750	800 × 1180 × 1850
PT-ENV-092	800 × 800 × 800	1000 × 1450 × 1780
PT-ENV-093	800 × 800 × 800	1000 × 1450 × 1780
PT-ENV-094	800 × 800 × 800	1000 × 1450 × 1780
PT-ENV-095	800 × 800 × 800	1000 × 1450 × 1780
PT-ENV-096	1000 × 1000 × 1000	1200 × 1980 × 2100
PT-ENV-097	1000 × 1000 × 1000	1200 × 1980 × 2100
PT-ENV-098	1000 × 1000 × 1000	1200 × 1980 × 2100
PT-ENV-099	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.