

Technical datasheet

Single-Door Stability Chambers with Audit Trail

Temperature/humidity chambers for stability studies, with 30-95% RH control, touchscreen programming, USB data export and timestamped event records.



Representative exterior with printer shown; printer supply requires quotation confirmation. Dimensions and shelves follow the selected model.

Key features

30-segment programs and 99 cycles

User permissions and timestamped audit trail

Standard USB / RS-485 and 8 W observation light

Standard Configuration

5-inch touchscreen, temperature/humidity control, variable-speed refrigeration, user permissions, event audit trail and USB data export. Includes USB and RS-485, glass inner door with antifog system, mechanical lock, two side validation ports (30 mm inside diameter), 8 W observation light, condensate recovery and a 220 V rated internal splashproof socket. The socket rating does not define the mains supply.

Optional Accessories

UV is optional. Confirm built-in printer supply explicitly in the quotation; it is not assured as standard. Remote alarm, monitoring or control requires a separately selected service and availability. Confirm software, validation services, accessories and mains supply. The 8 W light is for observation; no controlled photostability exposure is specified.

Technical Information

Parameter	Value
Temperature: humidity control off	0-60 °C
Temperature: humidity control on	10-60 °C
Temperature resolution	0.1 °C
Temperature fluctuation at 25 °C	±0.5 °C
Temperature uniformity at 25 °C	±1 °C
Humidity range	30-95% RH
Humidity fluctuation	±5% RH
Timer range	0-9999 min/h
Program segments / cycles	30 / 99
Load per shelf	15 kg
Validation ports: count × inside diameter	2 × 30 mm

Model	Chamber volume (L)	Input power (W)
PT-ENV-055	150	1900
PT-ENV-056	250	1950
PT-ENV-057	400	2000

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-ENV-055	510 × 390 × 760	650 × 680 × 1400
PT-ENV-056	510 × 450 × 1090	650 × 740 × 1726
PT-ENV-057	600 × 640 × 1050	745 × 930 × 1695

Model	Shelves: supplied / maximum
PT-ENV-055	3 / 5
PT-ENV-056	4 / 7
PT-ENV-057	4 / 7

Selection / Ordering Information

Specify the PRECETTA model, sample, temperature, humidity, shelf load and data requirements. Confirm combined operating conditions, printer configuration, utilities, installation and final delivery before ordering.