

Technical datasheet

Natural-Convection Programmable Incubator Series

Natural-convection incubators with multi-surface direct heating, programmable temperature control and 72-306 L chambers.



Representative exterior view. Chamber dimensions and stacking capability depend on the selected model.

Key features

Natural-convection airflow design

10-segment, 100-cycle temperature programming

Glass inner door and one RS-485 interface

Standard Configuration

Multi-surface direct heating, natural-convection air guides, programmable LCD controller, delayed start, dual overtemperature alarm systems, glass inner door, slide-out shelves and one RS-485 interface. The two alarm systems use the temperature sensor system and an independent temperature switch.

Optional Accessories

Printer, online monitoring and GPRS alarm messaging are optional; confirm compatibility and availability in the quotation. Confirm stacking arrangements and any required accessories for the models that support stacking.

Technical Information

Parameter	Value
Temperature range	Ambient +5 to 100 °C
Temperature uniformity	±0.6 °C (37 °C)
Temperature fluctuation	±0.5 °C (37 °C)
Maximum delayed start	99 h 59 min

Model	Chamber volume (L)	Input power (W)	Shelves: supplied / maximum
PT-INC-069	72	280	2/5
PT-INC-070	143	520	2/7
PT-INC-071	306	820	3/9

Technical Information

Model	Time to 60 °C (min)	Stacking capability
PT-INC-069	16	Two levels
PT-INC-070	20	Two levels
PT-INC-071	15	Not supported

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-INC-069	410 × 390 × 450	575 × 566 × 776
PT-INC-070	570 × 440 × 570	735 × 616 × 896
PT-INC-071	720 × 570 × 745	885 × 746 × 1071

Selection / Ordering Information

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