

Technical datasheet

Switchable-Convection Programmable Incubator Series

70-480 L programmable incubators with fan-on forced convection or fan-off natural convection. Temperature uniformity is specified separately for each operating mode.



Representative exterior view. Cabinet dimensions, observation-door design and shelf quantities vary by model; consult the specification table.

Key features

- Selectable forced or natural convection
- 10 segments, 100 cycles and six fan speeds
- Glass inner door and sliding shelves

Standard Configuration

LCD controller, 10 segments and 100 cycles, delayed-start setting up to 9999 minutes, six fan speeds, independent fan on/off control, preheating chamber, glass inner door, sliding shelves, two overtemperature alarm systems and one RS-485 interface.

Optional Accessories

Inlet/outlet filters are optional. Printer or remote alarm/monitoring functions use a choice of one communication option; confirm the selected option, compatibility and availability in the quotation. Software and validation services are not standard.

Technical Information

Parameter	Value
Temperature range	Ambient +5 to 100 °C
Temperature fluctuation	±0.3 °C (37 °C)
Uniformity: fan on (37 °C)	±0.5 °C
Uniformity: fan off (37 °C)	±1 °C
Electrical supply	220 V ±10% / 50-60 Hz

Model	Chamber volume (L)	Input power (W)	Shelves: supplied / maximum
PT-INC-093	70	310	2/5
PT-INC-094	140	530	2/7
PT-INC-095	220	850	3/7
PT-INC-096	300	850	3/9
PT-INC-097	480	850	4/13

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-INC-093	410 × 390 × 450	575 × 566 × 776
PT-INC-094	570 × 440 × 570	735 × 616 × 896
PT-INC-095	630 × 570 × 630	795 × 746 × 956
PT-INC-096	720 × 570 × 745	885 × 746 × 1071
PT-INC-097	600 × 620 × 1300	774 × 845 × 1704

Selection / Ordering Information

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