

Technical datasheet

Water-Jacketed Laboratory Incubator Series

Water-jacketed incubators for controlled-temperature cultivation and laboratory testing, with 50-270 L stainless steel chambers.



Image shows PT-INC-045. Other models differ in dimensions.

Key features

- Water-jacket heating with gentle air circulation
- Glass inner door and adjustable shelves
- LCD controller and standard RS-485 interface

Standard Configuration

Stainless steel chamber, water jacket, circulation fan, glass inner door, LCD temperature/timer controller, overtemperature alarm and RS-485 interface. Supplied shelf quantities are listed by model.

Optional Accessories

Additional shelves and accessories require confirmation in the quotation. Software and validation services are not listed as standard.

Technical Information

Parameter	Value
Temperature range	Ambient +2 to 65 °C
Temperature fluctuation	±0.2 °C
Temperature resolution	0.1 °C
Timer range	0-5999 min
Heating method	Water jacket
Load per shelf	15 kg
Electrical supply	AC 220 V ±10% / 50 Hz ±2%

Technical Information

Model	Chamber volume (L)	Input power (W)	Shelves: supplied / maximum
PT-INC-045	50	430	2/4
PT-INC-046	80	630	2/4
PT-INC-047	160	1030	3/5
PT-INC-048	270	1530	3/6

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-INC-045	310 × 380 × 450	460 × 490 × 755
PT-INC-046	400 × 400 × 500	550 × 510 × 805
PT-INC-047	550 × 500 × 650	700 × 610 × 955
PT-INC-048	600 × 600 × 750	750 × 710 × 1055

Selection / Ordering Information

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