



POPULAR TRADERS

Your Partner in Laboratory & Pharmaceutical Solutions



B.O.D. INCUBATOR

PT-417 Refrigerated · 5°C to 60°C · CFC-Free Compressor

*Cooling and heating incubator for biological oxygen demand and low-temperature work.
SS 304 chamber, PID control, acrylic inner door and LED interior illumination.*



CERTIFIED & COMPLIANT



5-60°C

Temperature range

±0.5°C

Temperature accuracy

R134a

CFC free compressor

173-340 L

Four sizes

Acrylic inner door · LED interior light · Axial fan circulation · SS 304 perforated trays



Technical Specifications

Parameter	Specification
Temperature Range	5°C to 60°C
Temperature Accuracy	± 0.5°C
Temperature Uniformity	± 1°C
Temperature Sensor	PT-100
Controller	PID, LED display of SV & PV, auto tuning
Construction	Double walled, glass wool insulation
Inner Construction	Stainless Steel 304 grade
Exterior Construction	Powder coated MS / SS 304
Inner Door	Acrylic door to view samples
Trays	SS 304 perforated, removable
Interior Illumination	LED Light
Heating Element	Mica / SS tubular (250 W)
Refrigeration	CFC free compressor (R134a)
Air Circulation	Axial fan
Power Supply	220 Volts 50 Hz

Model Options

Catalogue	Chamber (mm)	Cu Ft	Cap.	Shelves
PT-417/05	825×505×415	6.1	173 L	2
PT-417/10	850×600×500	8	227 L	2
PT-417/15	880×550×550	10	283 L	3
PT-417/20	900×650×580	12	340 L	3

Optional Accessories

- RS485 computer interface
- Data logger with USB interface
- Temperature high / low alarm
- Over temperature thermostat
- 50 mm validation port hole
- IQ, OQ & PQ documentation
- NABL calibrated controller

Applications

- B.O.D. incubation of samples
- Microbiological work at controlled temperature
- Stability and low-temperature storage tests

Why PT-417

- Heats and cools with a CFC free R134a compressor.
- Acrylic inner door shows samples without opening.
- LED light and removable SS 304 trays.

Standards & Quality

- PT-417A: SS 304 outer body (GMP model), same sizes.
- Manufactured under ISO 9001:2015 quality system.

Request a Quotation

+91-9896030622 · +91-8199900060
popular1942@gmail.com