

Technical datasheet

CO₂ Incubators with 150 °C Dry-Heat Cycle

Gas-controlled incubators with ambient +3 to 60 °C culture settings and a separate standard 150 °C dry-heat cycle, touchscreen records and USB export.



Representative closed cabinet and screen. Capacity, internal doors and gas/humidity options follow the selected model; the displayed screen does not establish supplied options.

Key features

Standard 150 °C dry-heat cycle; 180 °C optional

Three-level permissions and event records

IR CO₂ sensor and water-pan humidification

Standard Configuration

Direct air-jacket heating, forced circulation, 7-inch touchscreen, three-level permissions, timestamped events, data curves and USB export. IR CO₂ sensor, water-pan humidification, stainless steel chamber/shelves, glass inner door, sampling/test ports, inlet filter and heat-resistant internal HEPA filter. Standard 150 °C dry-heat cycle, door/gas alarms and independent temperature protection.

Optional Accessories

Optional: 180 °C dry-heat cycle, humidity display, cylinder switching, remote monitoring, multiple inner doors, gas pressure regulator and movable base. Confirm compatibility, gas supplies and delivery; humidification does not imply active RH setpoint control. Oxygen control is optional on the base CO₂ models.

Technical Information

Parameter	Value
Incubation temperature range	Ambient +3 to 60 °C
Temperature uniformity at 37 °C	±0.5 °C
Temperature fluctuation at 37 °C	±0.3 °C
Operating ambient	18-34 °C
CO2 control range	0-20%
CO2 control accuracy	±0.1%
Gas inlet pressure	0.8-1.2 bar
Passive humidification modes	High: >90% RH; low: >80% RH
Standard dry-heat cycle temperature	150 °C
Inlet filter size	≤0.2 µm
Electrical supply	220-240 V AC / 50 / 60 Hz

Technical Information

Model	Chamber volume (L)	Maximum power (W)	Supplied shelves
PT-INC-090	55	500	2
PT-INC-091	185	1200	3
PT-INC-092	260	1500	3

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-INC-090	310 × 380 × 470	500 × 635 × 690
PT-INC-091	500 × 570 × 650	685 × 700 × 870
PT-INC-092	555 × 565 × 835	745 × 700 × 1055

Model	Shelf dimensions (mm)	Listed load per shelf
PT-INC-090	305 × 270	20 kg
PT-INC-091	496 × 440	20 kg
PT-INC-092	550 × 460	20 kg

Selection / Ordering Information

Specify PRECETTA model, culture conditions, gas control, inner-door arrangement and dry-heat option. Confirm utilities, calibration and cycle qualification requirements in the quotation.