

Technical datasheet

Stackable Benchtop Orbital Shaking Incubator

A 51 L orbital shaking incubator with a side-opening observation door, 0-300 rpm speed, a 26 mm orbit and ambient +5 to 60 °C temperature settings.



Representative exterior. Select the model, cabinet quantity and holder or shelf configuration from the specifications; the photograph does not define the complete delivery.

Key features

- Touchscreen with temperature, time and speed settings
- Standard internal lighting and UV lamp
- Door-open stop, gradual motor start and alarm functions

Standard Configuration

One 51 L cabinet with a side-opening double-glazed door, touchscreen, brushless DC drive, aluminium-alloy platform, internal lighting and UV lamp. Includes gradual start/stop, door-open stop, power-restoration operation, fault diagnosis, delayed door-open alarm and abnormal-temperature alarm. Two cabinets may be stacked; a second cabinet is not included in a single-unit specification. Flask-holder type and glassware supply must be confirmed.

Optional Accessories

Plastic or stainless steel flask holders and other holder formats require selection. The maximum 1000 mL flask count differs with holder material. Software, audit trail and validation services are not specified as standard.

Technical Information

Parameter	Value
Temperature range	Ambient +5 to 60 °C (at 25 °C ambient)
Temperature control precision	±0.1 °C
Temperature fluctuation	±0.5 °C (37 °C)
Temperature uniformity at 37 °C	±1 °C
Orbital speed	0-300 rpm
Speed accuracy	±1 rpm
Orbit diameter	26 mm
Timer range	0-9999 min / h
Electrical supply	AC 220 V ±22 V / 50 Hz

Model	Chamber volume (L)	Input power (W)
PT-SHK-054	51	600

Technical Information

Parameter	Value
Platform dimensions (W × D, mm)	420 × 300
Usable height above platform	300 mm
External dimensions (mm)	570 × 526 × 500
Alternative maximum loads with plastic holders (mL × count)	250 × 12 / 500 × 7 / 1000 × 5
Alternative maximum loads with stainless holders (mL × count)	250 × 12 / 500 × 7 / 1000 × 6

Selection / Ordering Information

Specify the PRECETTA model, sample, operating conditions and required configuration. Confirm electrical supply, accessories and the final delivery list before ordering.