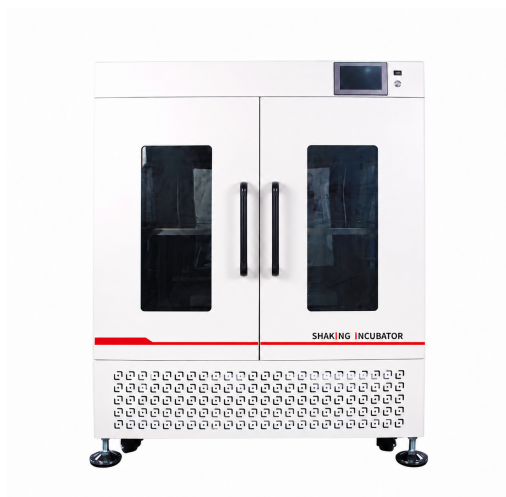


Technical datasheet

Programmable Vertical Orbital Shaking Incubators

Touchscreen orbital shaking incubators with 4-60 °C settings at 25 °C ambient, 0-300 rpm and programmable cultivation cycles.



Representative larger double-door cabinet. The 324 L model has one door; platform arrangements and dimensions vary by model. Glassware supply requires confirmation.

Key features

Five programs, 30 segments and 99 cycles

Standard observation and timed UV lamps

Historical data and USB export

Standard Configuration

Touchscreen, five programs with 30 segments and 99 cycles, two timing modes, scheduled start, lockscreen/password, data curves and history with USB export, and timestamped alarm records. Standard observation light and timed UV lamp, molded plastic flask clamps, stainless steel chamber, brushless motor with gradual start/stop, door-open shaking stop and fault/temperature alarms. A 30 mm internal-diameter validation port is provided on the left side.

Optional Accessories

Alternative holders are available. Confirm holder quantities and supplied glassware; maximum-load arrangements are alternatives. UV disinfection efficacy and regulatory compliance are not established by the lamp specification. A custom 50 mm orbit is available; confirm the ordered configuration.

Technical Information

Parameter	Value
Temperature range at 25 °C ambient	4-60 °C
Temperature control precision	0.1 °C
Listed temperature fluctuation at 37 °C	±0.5 °C
Listed 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
Programs / segments / cycles	5 / 30 / 99
Electrical supply	AC 220 V ±22 V / 50 Hz

Model	Chamber volume (L)	Input power (W)
PT-SHK-045	324	800
PT-SHK-046	510	1000
PT-SHK-047	737	1000

Technical Information

Model	Platform dimensions (W × D, mm)	External dimensions (mm)
PT-SHK-045	485 × 485	720 × 800 × 1300
PT-SHK-046	786 × 484	1020 × 760 × 1400
PT-SHK-047	1000 × 580	1235 × 855 × 1400

Model	Alternative maximum flask loads (mL × count)
PT-SHK-045	Alternative loads: two-level arrangement (mL × count): 250 × 50 / 500 × 32 / 1000 × 18; Alternative loads: one-level arrangement (mL × count): 2000 × 6 / 3000 × 5 / 5000 × 4
PT-SHK-046	Alternative loads per level; two levels (mL × count): 250 × 40 / 500 × 24 / 1000 × 15 / 2000 × 11
PT-SHK-047	Alternative loads per level; two levels (mL × count): 250 × 60 / 500 × 40 / 1000 × 28 / 2000 × 15

Selection / Ordering Information

Specify the PRECETTA model, working temperature, speed, flask sizes and platform arrangement. Confirm electrical supply and final configuration.