Stackable high volume orbital shaker incubators

WITH ELASTIC VENTILATION TO PROVIDE OXYGEN TO THE SAMPLES.
PRECISE TEMPERATURE CONTROL.
INTELLIGENT CONTROL SYSTEM.
WITH COOLING.

NEW

GENERAL FEATURES

HUMANIZED DESIGN

Three-layer overlay, each with independent temperature and speed control.
Upward-hinged door and removable tray.
Tempered glass door with elastic ventilation.
Cooling system with dust filter for easy cleaning.

PERFORMANCE

Integrated mirror stainless steel interior, waterproof and with no dead corners.
Cross-air duct structure for uniform temperature and adjustable wind speed.
Frequency control with an intelligent system for precise temperature control.
Operating system with encryption and three levels of authority.
High-quality servo motor, maintenance-free.
16-bit color touchscreen with functions and values on the same interface.
Fixed value and program modes of operation.
Historical data and curve retrieval with storage for up to 1 year.
Data backup or printing via USB.
External ambient temperature probe for more precise control.
Timing function of 0 ~ 999.9 minutes.

SAFETY GUARANTEE FUNCTION

Memory in case of power failure.
Control system with lighting and UV sterilization.
Over-temperature alarm and automatic shutdown.
Self-diagnosis function for faults.
Door control to automatically stop upon opening.



Example of three stacked models

Due to height, stacking is recommended up to a maximum of 2 units.

MODELS	ZQPZ-228A
Part No.	5312140
Shaking frequency (rpm)	10 - 300
Frequency accuracy (rpm)	±1
Orbit (mm)	26 (standard configuration) 50 (optional configuration)
Temperature variation (ºC)	+4 - 65
Temperature resolution (ºC)	0.1
Temperature uniformity (ºC)	±0.5 (to 37 ºC)
Platform size (mm)	930 x 530
Maximum depth capacity (ml/piece)	100x96 o 250x65 o 500x45 o 1000x24 o 2000x15 o 3000x11
Standard capacity (ml/piece)	100x60 o 250x45 o 500x28 o 1000x18 o 2000x15 o 3000x8
Timing range	0-999 hours and 59 minutes
Power (kW)	1.5
Power supply (V)	AC 220 ±10% 50 - 60 Hz
External dimensions (mm)	1500 x 920 x 600
Weight (Kg)	287

ACCESSORIES

Erlenmeyer and flask adapters.
Made from hardened sprung stainless steel.
Part No. 5312105 Adapter for 50 ml
Part No. 5312106 Adapter for 100 ml
Part No. 5312107 Adapter for 250 ml
Part No. 5312108 Adapter for 500 ml
Part No. 5312109 Adapter for 1000 ml
Part No. 5312110 Adapter for 2000 ml
Part No. 5312111 Adapter for 3000 ml
Part No. 5312112 Adapter for 5000 ml



ACCESSORIES

Adhesive platform for Erlenmeyer flasks
Part No. 5100289