

Two Level Shaking Incubator

Serving the Scientific, Medical and Research industries since 1945

LABEC

LABEC Floor Model Incubator Shakers

provide large capacity shaking for flasks up to 5 litres. The ruggedly built drive mechanism guarantees smooth and quiet orbital shaking without vibration. A comfortable height allows easy access to set points control in terms of speed, temperature and timer. A high velocity air circulation system disperses air uniformly throughout the chamber, which ensures that all samples are exposed to the optimum temperature regardless of sample locations.



FEATURES:

- PID microprocessor controller maintains precise temperature and shaking speed control.
- CFC-free refrigeration for culturing cells under varied conditions of temperature.
- User-friendly sealed control panel allows easy digital setting on timer, speed and temperature.
- Large LCD display presents a menu of functional readouts on speed, temperature and timer.
- Automatic shutoff at end of study via electronic timer, adjustable from 1 minute to 500 hours.
- Automatic shutoff of shaker when lid is opened which ensures operator safety.
- Non-volatile memory retains parameters during a power interrupt and restarts shaker automatically.
- Alarms programmed to warn of set point deviations and to indicate when timer operation is expired.
- Air is uniformly dispersed throughout the chamber by a high velocity air circulation system.
- Large see-through cover provides complete visibility to the chamber interior.
- Mirror-finished stainless steel interior provides excellent durability and an easy-to-clean surface.

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Laboratory Equipment Pty Ltd

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SPECIFICATIONS

Two Level Shaking Incubator

Model	Z-ZHWY-2102	Z-ZHWY-1102	Z-ZHWY-2112B	Z-ZHWY-1112B
Performance	Heated & Refrigerated	Heated only	Heated & Refrigerated	Heated only
Temp. Range	Ambient -20°C to 60°C	30 - 60°C	Ambient -20°C to 60°C	30 - 60°C
Temp. Set Division	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Temp. Uniformity	±1°C	±1°C	±1°C	±1°C
Diameter of Orbit (mm)	26	26	35	35
Shaking Speed	30-300 rpm (±1 rpm)	30-300 rpm (±1 rpm)	30-300 rpm (±1 rpm)	30-300 rpm (±1 rpm)
Timer	0-500 hours	0-500 hours	0-500 hours	0-500 hours
Capacity	100ml x 90 250ml x 56 500ml x 48 1000ml x 30	100ml x 90 250ml x 56 500ml x 48 1000ml x 30	100ml x 154 250ml x 90 500ml x 70 1000ml x 36	100ml x 154 250ml x 90 500ml x 70 1000ml x 36
Platform Size (mm)	734 x 458	734 x 458	970 x 560	970 x 560
Platform included	2	2	2	2
Exterior Dimension (mm)	950 x 710 x 1250	950 x 710 x 1250	1200 x 820 x 1600	1200 x 820 x 1600
Motor Power (W)	560	446	961	446
Voltage	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz
Weight (kg)	272	265	450	446
Approval	CE	CE	CE	CE

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