

Floor Model Incubator Shakers



ZHICHENG floor model incubator shakers provide large capacity shaking for flasks up to 5 liters. The ruggedly built drive mechanism guarantees smooth and quiet orbital shaking without vibration. A comfortable height allows easy access to setpoints 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.

Models:

ZHWY-211B ZHWY-111B
ZHWY-211C ZHWY-111C
ZHWY-211D ZHWY-111D

Features:

- A 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 LED 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 setpoint 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.
- Foot Pedal-Actuated Lid Lift releases and raises the lid, leaves hands free for transferring samples to or from the platform. (for ZHWY-211D and ZHWY-111D only)
- Mirror-finished stainless steel interior provides excellent durability and an easy-to-clean surface.

Model: ZHWY-211B ZHWY-111B



Specifications and Ordering Information:

Model	ZHWY-211B	ZHWY-111B
Performance	Heated and Refrigerated	Heated Only
Temperature Range	4-60°C	30-60°C
Temperature Accuracy	±0.1°C	±0.1°C
Temperature Uniformity	±1°C	±1°C
Diameter of Orbit	26mm	26mm
Shaking Speed	30-300 rpm (±1rpm)	30-300 rpm (±1rpm)
Capacity	50mlx66 or 100mlx66 250mlx36 or 500mlx28 1000mlx18	50mlx66 or 100mlx66 250mlx36 or 500mlx28 1000mlx18
Timer	1 minute to 500 hours	1 minute to 500 hours
Platform Size	920x500 mm	920x500 mm
Motor Power	866W	576W
Electrical Requirement	220V 50/60Hz	220V 50/60Hz
Weight	214Kg	200Kg
Warranty	1 year	1 year
Approval	CE, ISO	CE, ISO

For more information, please contact our distributor in South Africa: **MICRO FILTRATION CC**
P.O. BOX 334, KLOOF 3640 REP. OF SOUTH AFRICA Contact: Mr. Derick Peters
Tel: +27-31-7621394 FAX +27-31-7633862 Email: microfil@global.co.za

Model: ZHWY-211C ZHWY-111C



Model	ZHWY-211D	ZHWY-111D	ZHWY-211C	ZHWY-111C
Performance	Heated and Refrigerated	Heated Only	Heated and Refrigerated	Heated Only
Temperature Range	4-60°C	30-60°C	4-60°C	30-60°C
Temperature Accuracy	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Temperature Uniformity	±1°C	±1°C	±1°C	±1°C
Shaking Speed	30-300 rpm (±1rpm)	30-300 rpm (±1rpm)	30-300 rpm (±1rpm)	30-300 rpm (±1rpm)
Capacity	100mlx77 or 250mlx45 or 500mlx38 1000mlx18 or 2000mlx8 or 3000mlx8 5000mlx6		100mlx66 or 250mlx36 or 500mlx28 1000mlx18 or 2000mlx8 or 3000mlx8 5000mlx6	
Timer	1 minute to 500 hours	1 minute to 500 hours	1 minute to 500 hours	1 minute to 500 hours
Platform Size	940x584 mm	940x584 mm	920x500 mm	920x500 mm
Electricity	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz
Motor Power	951W	676W	951W	676W
Weight	313Kg	298Kg	228Kg	213Kg
Warranty	1 year	1 year	1 year	1 year
Approval	CE, ISO	CE, ISO	CE, ISO	CE, ISO

For more information, please contact our distributor in South Africa: **MICRO FILTRATION CC**
P.O. BOX 334, KLOOF 3640 REP. OF SOUTH AFRICA Contact: Mr. Derick Peters
Tel: +27-31-7621394 FAX +27-31-7633862 Email: microfil@global.co.za