

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 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 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.

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Model: ZHWY-211B ZHWY-111B



Specifications and Ordering Information:

Model	ZHWY-211B	ZHWY-111B
Performance	Heated and Refrigerated	Heated Only
Temperature Range	ambient-20°C to 60°C	30-60°C
Temperature Set Division	±0.1°C	±0.1°C
Temperature Uniformity	±0.5°C	±0.5°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	220-230V 50/60Hz	220-230V 50/60Hz
Weight	214Kg	200Kg
Warranty	1 year	1 year
Approval	CE, ISO	CE, ISO

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	ambient-20°C to 60°C	30-60°C	ambient-20°C to 60°C	30-60°C
Temperature Set Division	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Temperature Uniformity	±0.5°C	±0.5°C	±0.5°C	±0.5°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	100mlx77 or 250mlx45 or 500mlx38 1000mlx18 or 2000mlx8 or 3000mlx8 5000mlx6	100mlx66 or 250mlx36 or 500mlx28 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	220-230V 50/60Hz	220-230V 50/60Hz	220-230V 50/60Hz	220-230V 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

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ZHWY-211D/111D

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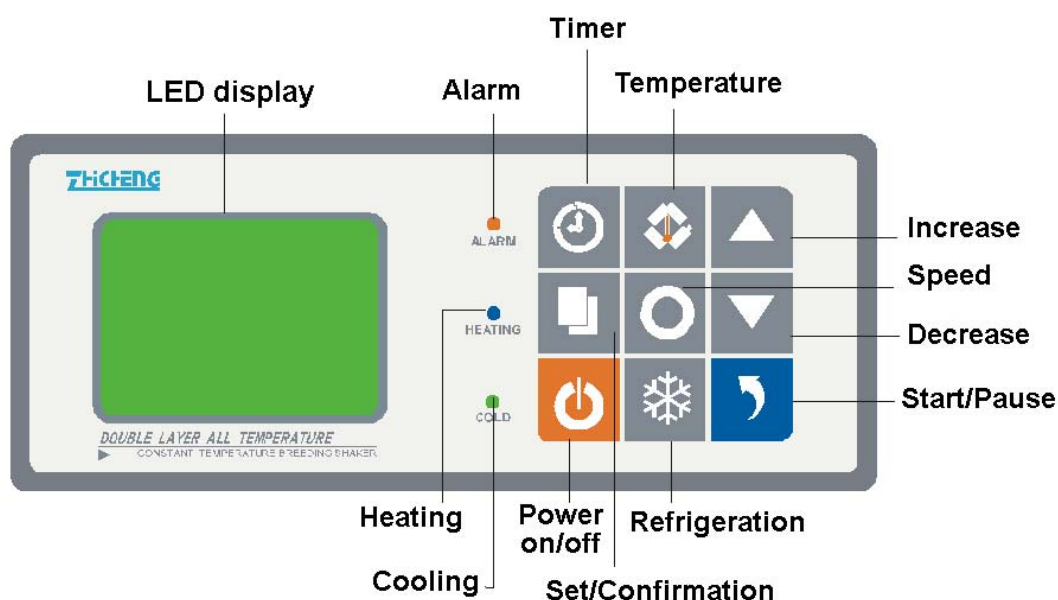
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ZHWY-2102C/1102C

Two Layers Incubator Shakers



Control Panel



Specifications:

Commodity Name/Model	ZHWY-2102C	ZHWY-1102C
Performance	Heated & Refrigerated	Heated only
Temperature Range	ambient-20°C to 60°C	30-60°C
Temperature Set Division	± 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)
Timer	1 minute to 500 hours	1 minute to 500 hours
Standard Capacity	250mlx30	250mlx30
Max. Capacity	100mlx48 250mlx30 500mlx24 50mlx48	100mlx48 250mlx30 500mlx24 50mlx48
Platform Size	500x350 mm	500x350 mm
Platform included	2	2
Exterior Dimension	700x590x1230 mm	700x590x1230 mm
Motor Power	550W	436W
Electrical Requirement	220-230V 50/60Hz	220-230V 50/60Hz
Net Weight	165Kg	150Kg
Gross Weight	190Kg	175Kg
Warranty	1 year	1 year
Approval	CE, ISO	CE, ISO

ZHICHENG[®] Large Capacity Two Layers Incubator Shakers



Model	ZHWY-2102	ZHWY-1102	ZHWY-2112B	ZHWY-1112B
Performance	Heated & Refrigerated	Heated only	Heated & Refrigerated	Heated only
Temperature Range	ambient-20°C to 60°C	30-60°C	ambient-20°C to 60°C	30-60°C
Temperature Set Division	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Temperature Uniformity	±1°C	±1°C	±1°C	±1°C
Diameter of Orbit	26mm	26mm	35mm	35mm
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	100mlx90 250mlx56 500mlx48 1000mlx30	100mlx90 250mlx56 500mlx48 1000mlx30	100mlx154 250mlx90 500mlx70 1000mlx36	100mlx154 250mlx90 500mlx70 1000mlx36
Platform Size	734x458 mm	734x458 mm	970x560mm	970x560mm
Platform included	2	2	2	2
Exterior Dimension	950x710x1250 mm	950x710x1250 mm	1200x820x1600 mm	1200x820x1600 mm
Motor Power	560W	446W	961W	446W
Voltage	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz
Weight	272Kg	265Kg	450Kg	446Kg
Warranty	1 year	1 year	1 year	1 year
Approval	CE	CE	CE	CE



Model	ZHWHY-2112F	ZHWHY-1112F
Performance	Heated & Refrigerated	Heated only
Temperature Range	ambient-20°C to 60°C	30-60°C
Temperature Set Division	±0.1°C	±0.1°C
Temperature Uniformity	±1°C	±1°C
Diameter of Orbit	35mm	35mm
Shaking Mode	Reciprocating	Reciprocating
Shaking Speed	30-300 rpm(±1 rpm)	30-300 rpm(±1 rpm)
Timer	0-500 hours	0-500 hours
Capacity	100mlx164 or 250mlx90 500mlx76 or 1000mlx44	100mlx164 or 250mlx90 500mlx76 or 1000mlx44
Platform Size	940x580mm	940x580mm
Platform included	2	2
Exterior Dimension	1270x820x1680 mm	1270x820x1680 mm
Motor Power	1420W	1150W
Voltage	220V 50/60Hz	220V 50/60Hz
Weight	486Kg	455Kg



Model	ZHWY-3112	ZHWY-3222
Control	P.I.D microprocessor	P.I.D microprocessor
Shaking Speed	30-300 rpm (± 1 rpm)	30-300 rpm (± 1 rpm)
Diameter of Orbit	35mm	35mm
Timer	0-500 hours	0-500 hours
Capacity	100mlx136 or 250mlx92 500mlx66 or 1000mlx36	100mlx168 or 250mlx100 500mlx76 or 1000mlx44
Platform Size	800x600 mm	920x640 mm
Platform included	2	2
Exterior Dimension	900x640x780 mm	1100x760x780 mm
Voltage	220-230V 50/60Hz	220-230V 50/60Hz
Weight	340Kg	360Kg
Approval	CE, ISO	CE, ISO
Warranty	1 year	1 year