

Benchtop Incubator Shakers

Models: ZHWY-200B ZHWY-100B ZHWY-200D ZHWY-100D ZHWY-100C



ZHICHENG benchtop incubator shakers offer small capacity growth of biological organisms under optimum conditions of temperature, time and agitation. These microprocessor controlled shakers offer a number of advanced features include user-friendly digital setpoints control panel, overtemperature alarm and self-correcting feedback controls on temperature and shaking speed. **ZHICHENG** benchtop incubator shakers are suitable for your in vitro cell research at affordable prices.

Model: ZHWY-200D



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Features:

- Ø0-50mm Stepless Orbit Diameter Control
- 30-600rpm Digital Shaking Speed Control
- CFC Free Refrigeration

Specifications:

Temperature Range: 4-60°C
Temperature Accuracy: $\pm 0.1^{\circ}\text{C}$
Temperature Uniformity: $\pm 1^{\circ}\text{C}$
Shaking Speed: 30-600 rpm (± 1 rpm)
Capacity: 50mlx5 100mlx5 300mlx4 500mlx3
Max.Capacity: 100mlx20 250mlx16 500mlx9 1000mlx5
Timer: 1 minute to 500 hours
Platform Size: 450x400 mm

Motor Power: 581W
Electricity: 220V 50/60Hz
Net Weight: 100Kg
Gross Weight: 132Kg
Warranty: 1 year
Manufacturer: ZHICHENG
Place of Origin: CHINA
Approval: CE, ISO

ZHWY-200B ZHWY-100C

ZHWY-100B ZHWY-100D



Features:

1. Powerful triple eccentric drive mechanism
2. PID microprocessor controller
3. User-friendly sealed control panel
4. Large, easy-to-read LED display
5. Electronic timer from 1 minute to 500 hours
6. Non-volatile memory function
7. Alarms programmed to warn of setpoint deviations
8. Mirror-finished stainless steel interior

Model	ZHWY-200B	ZHWY-100B	ZHWY-100C	ZHWY-100D
Performance	Heated and Refrigerated	Heated Only	Heated Only	Heated Only
Temperature Range	4-60°C	30-60°C	30-60°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	30-400rpm (±1rpm)	30-400rpm (±1rpm)	30-300rpm (±1rpm)	30-600rpm (±1rpm)
Timer	1 minute to 500 hours	1 minute to 500 hours	1 minute to 500 hours	1 minute to 500 hours
Capacity	50mlx5 100mlx5 250mlx4 500mlx3	50mlx4 100mlx4 250mlx3 500mlx3	50mlx12 100mlx9	50mlx4 100mlx4 250mlx3 500mlx3
Max.capacity	1000mlx5	1000mlx5	250mlx6	1000mlx5
Platform Size	450x400 mm	400x370 mm	280x220 mm	340x370mm
Motor Power	581W	566W	307W	566W
Electricity	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz
Weight	132Kg	94Kg	54Kg	94Kg
Warranty	1 year	1 year	1 year	1 year
Approval	CE, ISO	CE, ISO	CE, ISO	CE, ISO

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.

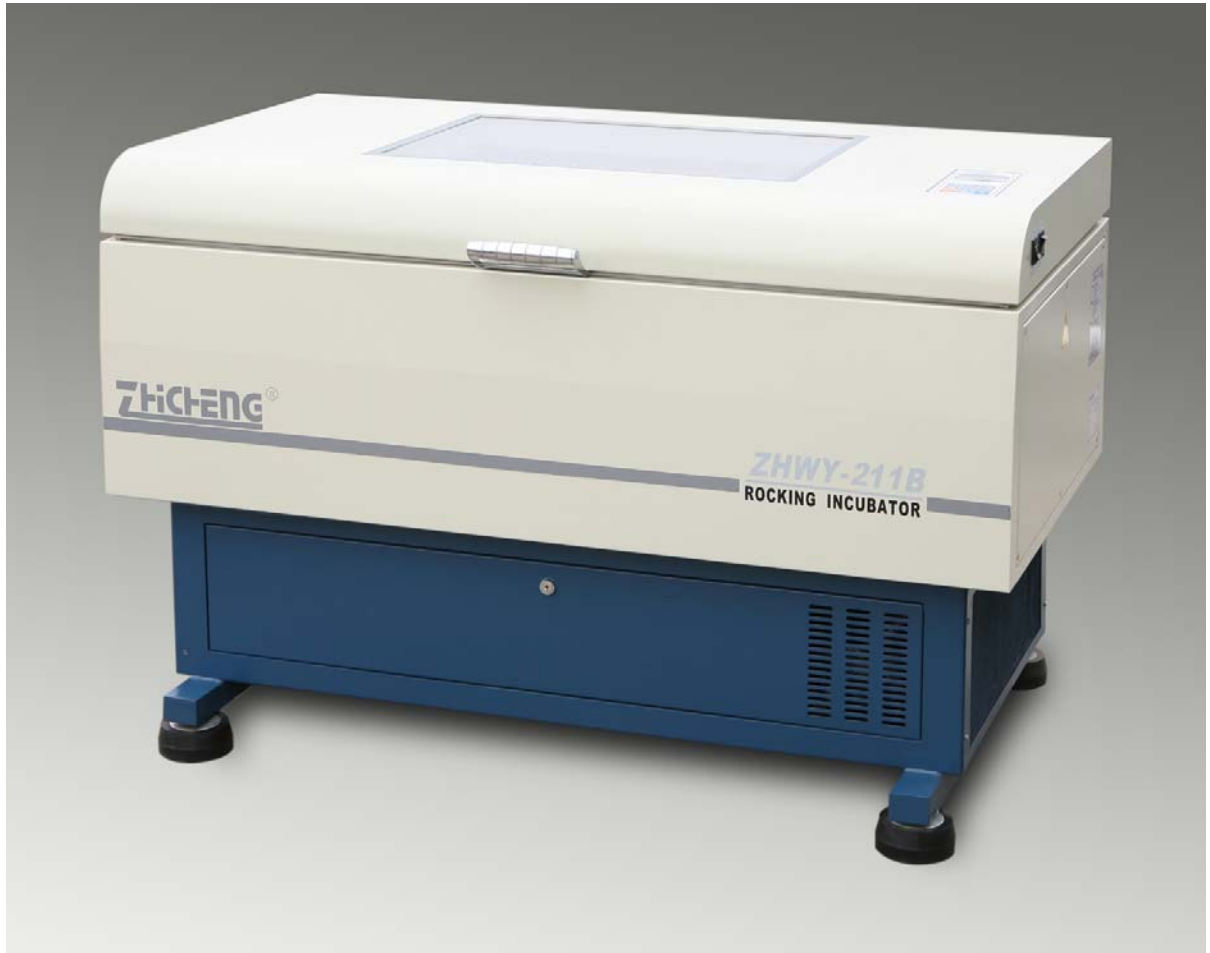
Models:

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

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

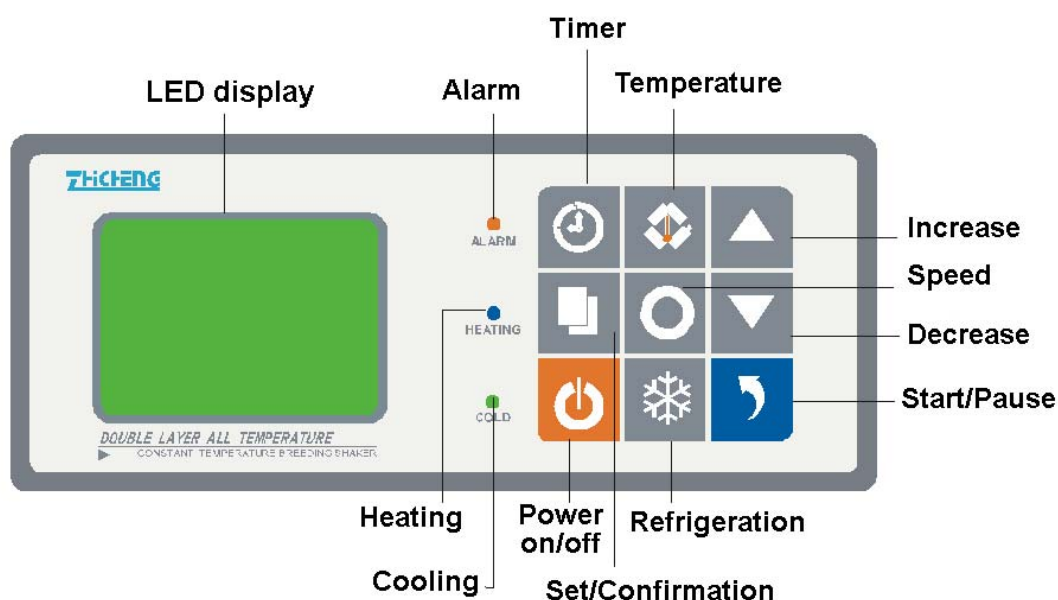
ZHICHENG[®]

ZHWY-2102C/1102C

Two Layers Incubator Shakers



Control Panel



Specifications:

Commodity Name/Model	ZHWY-2102C	ZHWY-1102C
Performance	Heated & 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)
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	220V 50/60Hz	220V 50/60Hz
Net Weight	165Kg	150Kg
Gross Weight	190Kg	175Kg
Manufacturer	ZHICHENG (CHINA)	ZHICHENG (CHINA)
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	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
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	ZHWY-3122B	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	220V 50/60Hz	220V 50/60Hz
Weight	340Kg	360Kg
Approval	CE, ISO	CE, ISO
Warranty	1 year	1 year