

# Benchtop Incubator Shaker--- ZHWY-200D



*New!*

CE

## Features:

- Ø0-50mm Stepless Orbit Diameter Control
- 30-600rpm Digital Shaking Speed Control
- Heated and Refrigerated

## 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 ( $\pm 1$  rpm)  
Capacity: 50mlx5 100mlx5 300mlx4 500mlx3  
Max.Capacity: 100mlx20 250mlx16 500mlx9 1000mlx5  
Timer Function: 1 minute to 500 hours  
Platform Size: 450x400 mm

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



ZHWY-200B ZHWY-100B  
ZHWY-100C ZHWY-100D

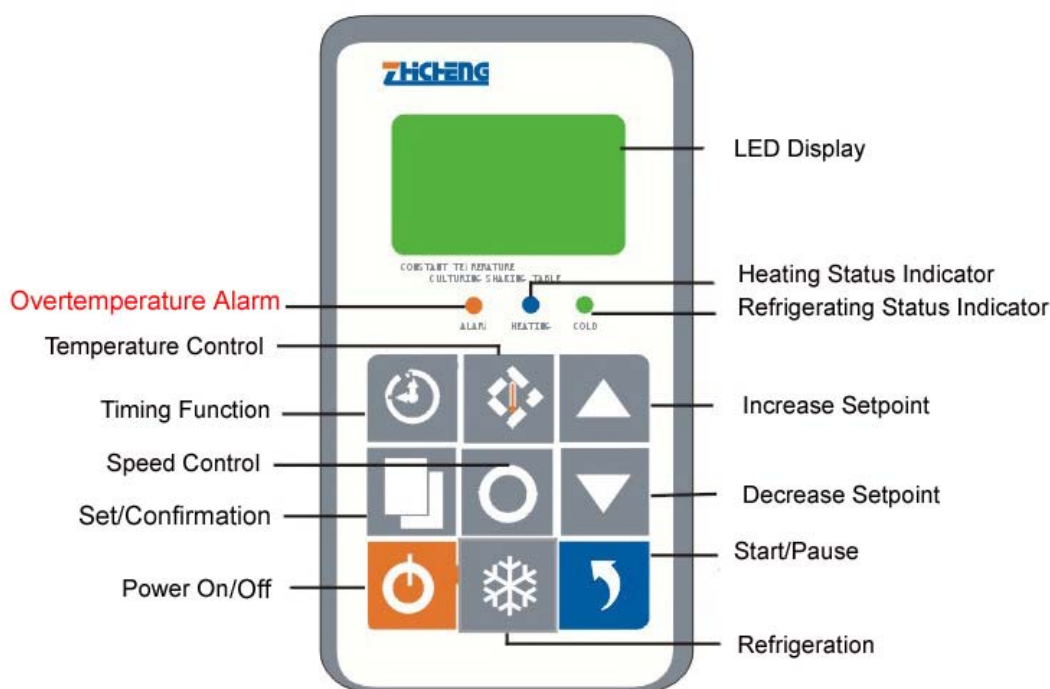
## Benchtop Incubator Shaker Series



### Specifications and Ordering Information:

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	60-400rpm (±1rpm)	60-400rpm (±1rpm)	60-300rpm (±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	100mlx9	50mlx4 100mlx4 250mlx3 500mlx3
Platform Size	450x400 mm	400x370 mm	280x220 mm	340x370mm
Motor Power	581W	566W	307W	566W
Electricity	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Weight	132Kg	94Kg	54Kg	94Kg
Warranty	1 year	1 year	1 year	1 year
Approval	CE	CE	CE	CE

# Control Panel



## Features in Summary

- Powerful triple eccentric drive mechanism guarantees a lifetime of smooth shaking motion.
- A PID microprocessor controller maintains precise temperature and shaking speed.
- User-friendly sealed keypad allows easy digital setting on timer, speed, and temperature.
- Large, easy-to-read LED display presents a menu of functional readouts.
- 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 failure and restarts shaker automatically.
- Alarms programmed to warn of setpoints deviation and to indicate when timer operation has expired.
- A high volume air circulation system maintains optimum temperature uniformity, as well as providing maximum oxygen transfer.
- See-through lid provides complete visibility and minimize the need to open the chamber frequently.
- Mirror-finished stainless steel interior provides excellent durability and an easy-to-clean surface.



## Water Bath Shaker

Model: ZHWY-110X



### Description:

The latest ZHWY-110X Reciprocating Water Bath Shaker combines unmatched reliability and durability. It delivers superior temperature control and uniformity with a smooth shaking motion. Bath temperature is controlled to an accuracy of  $\pm 0.1^{\circ}\text{C}$  by a PID temperature controller for optimum, reproducible bath conditions. Dual thermostats provide optimum protection for your work and water bath. The steeply gabled cover and inward-sloped tank rim allow condensate to drain neatly back into the bath, preventing condensate from dripping onto samples.



Mirror-finished Stainless Steel Bath Tank Interior

## Features of ZHWY-110X Water Bath Shaker:

- Solid electric drive provides uniform agitation and enables continuous 24-hour operation.
- Water bath temperature is monitored and controlled over the entire range with an accuracy of  $\pm 0.1^{\circ}\text{C}$  with PID temperature controller.
- Easy-to-read LCD digital display provides a user-friendly interface which helps minimize errors in establishing running conditions.
- Setpoints retention retains parameters during power failure and restarts unit automatically after power is restored.
- Heat Loss and Evaporation is minimized with the use of stainless steel gabled cover.

## Specifications and Ordering Information:

Model	ZHWY-110X	Timer	1 minute to 500 hours
Shaking Mode	Reciprocating	Overall	732x348x342 mm
Motor Power	432W	Bath tank	508x300x198 mm
Speed	20-180 rpm ( $\pm 1\text{rpm}$ )	Platform	434x256 mm
Temperature Range	Ambient $+5^{\circ}\text{C}$ to $99.9^{\circ}\text{C}$	Bath Capacity	250mlx11
Temperature Accuracy	$\pm 0.1^{\circ}\text{C}$	Net Weight	18Kg
Temperature Uniformity	$\pm 0.2^{\circ}\text{C}$	Gross Weight	24Kg
Setting	Membrane Keypad	Electrical Requirement	220V 50Hz
Display	Digital	Warranty	1 year
Control	Microprocessor	Approval	CE
Manufacturer	ZHICHENG		

## Control Panel

