

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



New!
CE

Features:

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

Specifications:

Temperature Range: ambient-20°C to 60°C
 Temperature Set Division: ± 0.1°C
 Temperature Uniformity: ±0.5°C
 Shaking Speed: 30-600rpm (±1 rpm)
 Standard Capacity: 50mlx5 100mlx5
 300mlx4 500mlx3
 Max. Capacity: 100mlx20 250mlx16
 500mlx9 1000mlx5

Motor Power: 700W
Timer: 1 minute to 500 hours
Voltage: 220-230V 50/60Hz
Net Weight: 100Kg
Gross Weight: 132Kg
Platform Size: 400x370 mm
Warranty: 1 year
Manufacturer: ZHICHENG
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 LCD 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	Cooled	Heated Only	Heated Only	Heated Only
Temperature Range	ambient-20°C to 60°C	ambient+5°C to 60°C	ambient+5°C to 60°C	ambient+5°C to 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
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
Standard Capacity	50mlx5 100mlx5 250mlx4 500mlx3	50mlx4 100mlx4 250mlx3 500mlx3	50mlx12 100mlx9	50mlx4 100mlx4 250mlx3 500mlx3
Max. capacity	1000mlx5	1000mlx5	250mlx6	1000mlx5
Platform Size	400x370 mm	340x370mm	280x220 mm	340x370mm
Motor Power	700W	540W	280W	540W
Electricity	220-230V 50/60Hz 110-120V 50/60Hz	220-230V 50/60Hz	220-230V 50/60Hz	220-230V 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

ZHWY-334 Benchtop Shaker



Item	Benchtop Shaker
Model	ZHWY-334
Control	P.I.D microprocessor
Shaking Speed	30-300 rpm (± 1 rpm)
Shaking Motion	Reciprocating
Timer	0-500 hours
Setting	Digital
Capacity	50mlx4 100mlx4 250mlx3
Platform Size	330x350 mm
Exterior Dimension	400x350x150 mm
Voltage	220V 50/60Hz
Weight	15Kg
Approval	CE, ISO

**ZHWY-304
Orbital Shaker**



**ZHWY-344
Rocking Shaker
(tilting)**



Unit Description

ZHWY-304/334/344 benchtop shakers provide small capacity shaking for growth of biological organisms in your laboratory. This microprocessor controlled shaker offers a number of advanced features include user-friendly digital setpoints keypad, electronic timer from 1 minute to 500 hours, non-volatile memory and alarm programmed to indicate when timer operation has expired. The shakers are of reliable and affordable, compact yet without compromise.

Features in Summary

- Powerful triple eccentric drive mechanism guarantees a lifetime of smooth and continuous shaking motion.
- A PID microprocessor controller maintains precise shaking speed.
- User-friendly control panel allows easy digital setting on timer and speed values.
- Large, easy-to-read LCD display presents a menu of functional readouts.
- Automatic shutoff at end of shaking via electronic timer, adjustable from 1 minute to 500 hours.
- Non-volatile memory retains setpoints during a power failure and restarts shaker automatically.
- Alarms programmed to warn of setpoints deviation and to indicate when timer operation has expired.

Technical Specifications

Item	Benchtop Shaker	Benchtop Shaker
Model	ZHWY-304	ZHWY-344
Control	P.I.D microprocessor	P.I.D microprocessor
Shaking Speed	30-300 rpm (± 1 rpm)	20-80 rpm (± 1 rpm)
Shaking Motion	Orbital	Tilting/Rocking
Timer	0-500 hours	0-500 hours
Setting	Digital	Digital
Display	LCD	LCD
Maximum Capacity	7.5Kg	4Kg
Platform Size	330x350 mm	330x350 mm
Exterior Size	400x350x190 mm	400x350x160 mm
Voltage	AC 220V 50/60Hz	AC 220V 50/60Hz
Power	25W	25W
Weight	25Kg	10Kg
Warranty	1 year	1 year
Accessory included	Rubber Roller Platform	Rubber Mat Platform

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