

Floor Shakers



ZWY-3222B



ZWY-322B

Descriptions:

LABWIT floor shakers are designed to uniformly shake more than a hundred of samples 24/7 under the extreme environmental conditions, such as in warm and in cold rooms (5 to 50 °C non condensation). The powerful drive mechanism guarantees reliable, smooth and quiet orbital shaking without vibration, even on a high speed up to 300rpm. They are ideal for mass production – especially the two platform models ZWY-3222B and ZWY-B3222, widely used in biochemical, fermentation and pharmaceutical experiments for big volumes of small flasks.

Features:

- Microprocessor controller maintains the precision of speed control.
- Large LCD display presents all actual and set parameters.
- Password protection of all parameters against unauthorized change.
- Operating parameter retention after power failure.
- Electronic timer up to 500 hours or continues operation.
- Soft start and stop function.
- Patented over-speed protection minimizes the risk of uncontrolled shaking.
- Two platform models provide increased capacity; accept 50ml to 1L flasks on lower level, or up to 5L if without the top tray.
- Powerful brushless AC induction motor with quadruple counterbalanced drive system.
- Superior cast iron and stainless steel critical components.

Specifications:

Model	ZWY-322B	ZWY-3222B	ZWY-322C	ZWY-B3222
Action Mode	Orbit			
Stroke (mm)	Ø35		Ø50	
Speed (rpm)	30-300			
Speed Variation	±1 rpm			
Timer	1 minute to 500 hours			
Number of Trays	1	2	1	2
Tray (mm) (WxD)	920x640		940x700	
Flasks Configurations*	*Glass dimensions may reduce max. capacity			
50 ml	86	172	86	172
100 ml	86	172	86	172
250 ml	53	106	53	106
500 ml	37	74	37	74
750 ml	29	58	29	58
1000 ml	22	44	22	44
2000 ml	12	-	12	-
3000 ml	11	-	11	-
5000 ml	7	-	7	-
Exterior Dimensions (mm) (WxDxH)	1115x840x455	1115x840x815	1115x840x455	1115x840x815
Packing Dimensions (mm) (WxDxH)	1210x920x690	1210x920x1040	1210x920x690	1210x920x1040
Net/Gross Weight (kg)	280/335	310/370	280/335	310/370
Power (W)	300			
Electricity	220-240V 50/60 Hz			
Approval	CE, ISO			

Ordering Information:

Part NO.	Description	Part NO.	Description
ZWY-322B	ZWY-322B, Single Layer, Orbital Floor Shaker, 35mm, 30-300rpm	P8013	Clamp, S/S, for 150ml Flask, with Spring Retainer
ZWY-3222B	ZWY-3222B, Double Layer, Orbital Floor Shaker, 35mm, 30-300rpm	P8003	Clamp, S/S, for 250ml Flask, with Spring Retainer
ZWY-322C	ZWY-322C, Single Layer, Orbital Floor Shaker, 50mm, 30-300rpm	P8014	Clamp, S/S, for 300ml Flask, with Spring Retainer
ZWY-B3222	ZWY-B3222, Double Layer, Orbital Floor Shaker, 50mm, 30-300rpm	P8004	Clamp, S/S, for 500ml Flask, with Spring Retainer
P5006	Single Layer Shaking Frame for ZWY-322B/3222B, Stl S/C	P8005	Clamp, S/S, for 750ml Flask, with Spring Retainer
P5008	Single Layer Shaking Frame for ZWY-322C/ B3222, Stl S/C	P8006	Clamp, S/S, for 1000ml Flask, with Spring Retainer
P6020	Tray for ZWY-322B/3222B Stl S/C	P8007	Clamp, Spring S/S, for 2000ml Flask, with Spring Retainer
P6021	Tray for ZWY-322C/B3222 Stl S/C	P8008	Clamp, Spring S/S, for 3000ml Flask, with Spring Retainer
P7019	Universal Tray for ZWY-322B/3222B	P8009	Clamp, Spring S/S, for 5000ml Flask, with Spring Retainer
P7020	Universal Tray for ZWY-322C/B3222	P8010	Tube Rack S/S※
P7022	Universal Tray for All Horizontal Model, 1/2 Pcs	P8011	Tube Rack ABS Plastic
P8001	Clamp, S/S, for 50ml Flask, with Spring Retainer	P8012	Clamp for 96 Well Plate, S/S
P8002	Clamp, S/S, for 100ml Flask, with Spring Retainer	# Stl S/C: Spray Coated Steel	※S/S: Stainless Steel