



ZWY-211B



ZWY-111C

👉 Descriptions:

These economic horizontal floor shaking incubators are specially developed for the modern biological engineering departments; huge capacity for various sizes of flasks, up to 5L. The units are widely used in germ culture, fermentation, hybridization, biochemical research, enzyme and cellular tissues. All of these tests require high temperature performance and stable oscillation frequency.

LABWIT offers both orbital and reciprocal models, with and without refrigeration to be used in almost all laboratories. All models have large glass viewing windows and gas spring transmission for smooth and convenient lid opening. Temperature uniformity – through a fan driven high velocity circulation system, is $\pm 1.0^{\circ}\text{C}@37^{\circ}\text{C}$, while set(point) accuracy is 0.1°C . All models are equipped with an electronic timer up to 500 hours. Heavy duty counter balanced drive system provides a shaking range that can handle virtually any culturing task.

👉 Features:

- ★ Microprocessor controller with audible and visual alarms maintain precise temperature and speed.
- ★ CFC-free refrigerant which causes no damage to ozone layer.(Applies on ZWY-211B)
- ★ Large double-fold tempered glass window and fluorescent light, provide complete visibility of chamber interior.
- ★ LCD display presents all actual and (pre)set parameters.
- ★ Electronic timer, from 0 – 500 hours, automatic stop, audio/ visual alarm.
- ★ Password protection against unauthorized change of parameters.
- ★ Audible and visual alarms for motor temperature and set point deviations.
- ★ Non-volatile memory for set point retention after power interruption.
- ★ "Long-Life" brushless AC motor creates smooth, quiet and uniformed shaking motion.
- ★ Mirror-finished high quality #304 stainless steel for excellent durability of interiors.
- ★ Units delivered with standard stainless steel tray (without clamps).
- ★ High capacity for up to 5L flasks (except ZWY-111B/211B, ZWF-111)



Specifications:

Model	ZWY-111B	ZWY-211B	ZWY-111C	ZWF-111
Volume (L)	170		260	300
Shaking Mode	Orbital		Orbital	Reciprocal
Stroke (mm)	Ø26		Ø26	Ø1-50mm Stepless Adjustment
Temperature Range(°C)	A+5 to 60	4 to 60	A+5 to 60	
Temperature Accuracy	±0.1°C			
Temperature Uniformity	±1°C @37°C			
Shaking Speed (rpm)	30-300			30-240
Tray Dimension (mm)	920x500		920x500	896x530
Flask Configuration *	*Glass dimensions may reduce max. capacity			
50ml	64		64	66
100 ml	64		64	66
250 ml	40		40	45
500 ml	28		28	28
750 ml	23		23	24
1000 ml	15		15	15
2000 ml	-		11	11
3000 ml	-		8	8
5000 ml	-		6	-
Inner Dimensions (mm) (WxDxH)	975x565x305		975x565x465	975x565x515
Exterior Dimensions (mm) (WxDxH)	1200x740x800		1200x740x1000	1200x740x1070
Packing Dimensions (mm) (WxDxH)	1320x860x970		1320x860x1170	1320x860x1170
Net/Gross Weight (kg)	159/200	174/214	168/213	201/242
Power (W)	800	1050	950	950
Electricity	220-240V 50/60 Hz			
Approval	CE, ISO			

Order Information:

ZWY-111B	ZWY-111B, 170L, Eco Horizontal Shaking Incubator A+5-60, 30-300rpm
ZWY-211B	ZWY-211B, 170L, Eco Horizontal Shaking Incubator 4-60, 30-300rpm
ZWY-111C	ZWY-111C, 260L, Eco Horizontal Shaking Incubator A+5-60, 30-300rpm
ZWF-111	ZWF-111, 300L, Eco Reciprocal Horizontal Shaking Incubator A+5-60, 30-240rpm

P6006	Tray for ZWY-111B/211B/111C/211C/ZWYR-211C, S/S ※	P8001	T Clamp, S/S, for 50ml Flask, with Spring Retainer
P6008	Tray for ZWF-111/211/ZWFR-211, S/S	P8002	T Clamp, S/S, for 100ml Flask, with Spring Retainer
P7007	Universal Tray for ZWY-111B/211B/111C/211C/ZWYR-211C, Ful Pcs	P8013	T Clamp, S/S, for 150ml Flask, with Spring Retainer
P7009	Universal Tray for ZWF-111/211, ZWFR-211, Ful Pcs	P8003	T Clamp, S/S, for 250ml Flask, with Spring Retainer
P7022	Universal Tray for All Hrzntrl Model, 1/2 Pcs	P8014	T Clamp, S/S, for 300ml Flask, with Spring Retainer
		P8004	T Clamp, S/S, for 500ml Flask, with Spring Retainer
		P8005	T Clamp, S/S, for 750ml Flask, with Spring Retainer
		P8006	T Clamp, S/S, for 1000ml Flask, with Spring Retainer
		P8007	T Clamp, Spring S/S, for 2000ml Flask, with Spring Retainer
		P8008	T Clamp, Spring S/S, for 3000ml Flask, with Spring Retainer
		P8009	T Clamp, Spring S/S, for 5000ml Flask, with Spring Retainer
		P8010	Tube Rack S/S
		P8011	Tube Rack ABS Plastic
		P8012	Clamp for 96 Well Micro Plate, S/S
		※ S/S:	Stainless Steel

