



ZWY-211E

☞ 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 1L. 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 cooling and non-cooling models 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 $\pm 0.1^{\circ}\text{C}$. All models are equipped with an electronic timer up to 500 hours. Heavy duty counter balanced drive system provides a shaking range up to 400rpms, which 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-211E)
- * Large double-fold tempered glass window provides 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).

Specifications:

Model	ZWY-111E	ZWY-211E
Volume (L)	225	
Shaking Mode	Orbital	
Stroke (mm)	Ø26	
Temperature Range(°C)	Ambient+5 to 95	4-60
Temperature Accuracy	±0.1°C	
Temperature Uniformity	≤±1°C @37°C	
Shaking Speed (rpm)	25-400	
Tray Dimension (mm)	690x650	
Flask Configuration *	*Glass dimensions may reduce max. capacity	
50ml	64	
100 ml	64	
250 ml	40	
500 ml	28	
750 ml	23	
1000 ml	15	
Inner Dimensions (mm) (WxDxH)	950x790x305	
Exterior Dimensions (mm) (WxDxH)	1350x860x800	
Packing Dimensions (mm) (WxDxH)	1420x930x970	
Net/Gross Weight (kg)	159/200	174/214
Power (W)	800	1050
Electricity	220-240V 50/60 Hz	
Approval	CE, ISO	

Order Information:

ZWY-111E	ZWY-111E, 225L, Eco Horizontal Shaking Incubator A+5-95, 25-400rpm
ZWY-211E	ZWY-211E, 225L, Eco Horizontal Shaking Incubator 4-60, 25-400rpm

P6006	Tray for ZWY-111E/211E, S/S ※	P8001	T Clamp, S/S, for 50ml Flask, with Spring Retainer
P7007	Universal Tray for ZWY-111E/211E, Ful Pcs	P8002	T Clamp, S/S, for 100ml Flask, with Spring Retainer
P7022	Universal Tray for All Hrzntl Model, 1/2 Pcs	P8013	T Clamp, S/S, for 150ml Flask, with Spring Retainer
		P8003	T Clamp, S/S, for 250ml Flask, with Spring Retainer
		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

