



ZWYR-211C



ZWFR-211

ZWYR-211D



PREMIUM HORIZONTAL Shaking Incubators

These new premium horizontal floor shaking incubators are developed for the modern biological engineering departments; large capacity of smaller size flasks, or for large volume flasks up to 5L. The units are widely used in applications of germ culture, fermentation, hybridization, biochemical research, enzyme and cellular tissues.

- ▶ 4.3" LCD 480x272 touch screen panel clearly indicates all parameters in one page display and makes it easy to change the operating parameters settings, even those multi set points under programmable mode intuitively.
- ▶ P.I.D microprocessor controller provides unmatched versatility by enable users to create personalized program (with up to 9 segments, with cycling) to automate changes to function parameters.
- ▶ Large double fold tempered glass window and fluorescent light provide complete visibility of chamber interior.
- ▶ ZWYR-211D is equipped with foot pedal for lid opening even when carrying full loads in both hands.
- ▶ Inner chamber with covered corners of high graded #304 electro polished stainless steel features excellent durability as well as ease of cleaning.
- ▶ Robust triple eccentric counterbalanced drive in cast iron housing provides vibration and trouble free operation with high shaking speed up to 300rpm.
- ▶ Quality brushless AC inductive motor supports reliable, quiet and smooth shaking movements up to top speed.
- ▶ Non-volatile memory saves settings during a power outage and automatically restarts the unit after power is restored.
- ▶ Audible and visual alarms on over temperature and motor overheating, and automatically cut off the power.
- ▶ Soft start and smooth acceleration when lid is closed after short opens.
- ▶ For data recording, the units are equipped with a built-in thermo printer as standard, so that operators could check how the performance parameters vary according to specified process without having to be on site.
- ▶ Timer up to 9999 mins under fixed value control mode.
- ▶ Predrilled standard tray included, without clamps.
- ▶ UV light reduces the air burden, keeping the chamber contamination free.



Capacity	50ml	100ml	250ml	500ml	750ml	1000ml	2000ml	3000ml	5000ml	Tube Rack S/S	96 Well Plate
ZWYR-211C	66	66	41	28	24	15	11	8	6	10	28
ZWYR-211D	77	77	54	36	26	18	15	8	6	12	32
ZWFR-211	66	66	45	28	24	15	8	8	-	10	28

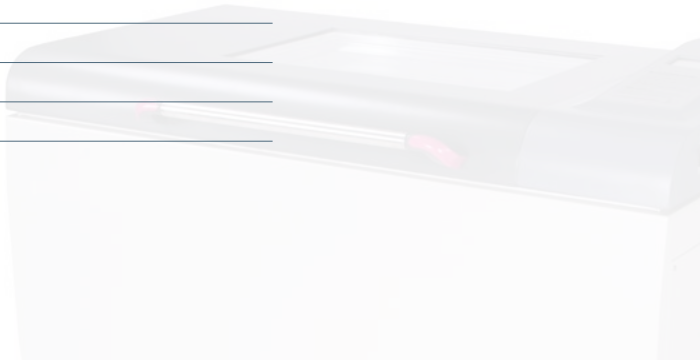
*Glass dimensions may reduce max. capacity

Model	ZWYR-211C	ZWYR-211D	ZWFR-211
Control	P.I.D Microprocessor		
Control Mode	Fix Value or Program (up to 9 Segments)		
Control Panel	4.3" LCD Touch Screen		
Door Opening Mode	Hand Hold	Foot Pedal	Hand Hold
Volume (L)	260	300	275
Working Temperature (°C)	5-25		
Shaking Speed (rpm)	30-300		30-240
Stroke (mm)	Ø26		1-50 Stepless Adjustment
Shaking Mode (°C)	Orbital		Reciprocal
Tray (mm) (WxD)	920x500	940x584	896x530
Temperature Range (°C)	4-60		
Temperature Accuracy (°C)	0.1		
Temperature Uniformity (°C)	±1°C@37°C		
Timer	1 to 9999 mins		
Inner Dimensions (mm) (WxDxH)	975x565x465	1040x655x465	975x565x465
Exterior Dimensions (mm) (WxDxH)	1230x730x1065	1290x820x1065	1230x730x1065
Packing Dimensions (mm) (WxDxH)	1300x840x1225	1360x910x1225	1300x800x1225
Net/Gross Weight (kg)	255/308	263/313	213/252
Power (W)	1150	1800	1150
Electricity	220-240V 50/60 Hz		
Approval	CE, ISO		
Security	Over-temperature Protection, Compressor Overload Protection, Electrical Leakage Protection		
Additional	UV light, Built-in Printer, RS485 COM Kit (Option)		

Order Information

ZWYR-211C	ZWYR-211C, 260L, Premium Horizontal Shaking Incubator 4-60, 30-300rpm
ZWYR-211D	ZWYR-211D, 300L, Premium Horizontal Shaking Incubator 4-60, 30-300rpm
ZWFR-211	ZWFR-211, 275L, Premium Reciprocal Horizontal Shaking Incubator 4-60, 30-240rpm
P6006	Tray for ZWY-111B/211B/111C/211C/ZWYR-211C, S/S *
P6007	Tray for ZWYR-211D, S/S
P6008	Tray for ZWF-111/211/ZWFR-211, S/S
P7007	Universal Tray for ZWY-111B/211B/111C/211C/ZWYR-211C, Ful Pcs
P7008	Universal Tray for ZWYR-211D, Ful Pcs
P7009	Universal Tray for ZWF-111/211, ZWFR-211, Ful Pcs
P7022	Universal Tray for All Horizontal Model, 1/2 Pcs
P8001	T Clamp, S/S, for 50ml Flask, with Spring Retainer
P8002	T Clamp, S/S, for 100ml Flask, with Spring Retainer

* S/S: Stainless Steel





Order Information

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 Plate, S/S
P8017	Sticky Mat, 20 x 20cm

* S/S: Stainless Steel

