

Premium Stackable Shaking Incubators

☞ Descriptions:

LABWIT now can offer new space-saving incubator shakers. This ZWYR- Series shaker (touch screen) can be stacked up to three units high, providing laboratory professionals tripled culture capacity, while still only occupying the same “footprint” of a single shaker. All models feature an insulated, fold-down door with double-layer glass window for high visibility. On all refrigerating models, 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.



ZWYR-D2402

☞ Features:

- ◆ 5.6" LCD 640x480 touch screen panel clearly indicates all parameters in one page display.
- ◆ Fold-down door with door handle, and dedicated sliding shaking platform provide convenient access to your experiment products. Moreover,
- ◆ the top of the casing can be further used as a work area for locating small items of lab equipment etc.
- ◆ The incubator casing is made of heavy-gauge cold-rolled steel; together with high graded #304 stainless steel inner chambers with coved corners make it easy to clean with mild detergent.
- ◆ The unit can be upgraded with dual colour LED lighting control kit, each colour of lighting can be independently controlled and programmed to simulate day/night cycles, perfect for plant cell culture.
- ◆ Heavy-duty, eccentric drive mechanism allows extended speed ranges from 30 to 300 RPM, ±1 RPM with minimized vibration, even when shakers are stacked of three high.
- ◆ Robust brushless AC motor enables shaking motion quiet and smooth, even when unit is operating at top speed with maximum workload.
- ◆ Non-volatile memory saves settings during a power outage and automatically restarts the unit after power is restored.
- ◆ Predrilled platform and built-in printer as standard configuration, flask clamps excluded.

Capacity	50ml	100ml	250ml	500ml	750ml	1000ml	2000ml
ZWYR-D2401	50	50	32	26	20	14	8
ZWYR-D2402	100	100	64	52	40	28	16
ZWYR-D2403	150	150	96	78	60	42	24



P5011 LED Lighting Option

Specifications

Model	ZWYR-D2401	ZWYR-D2402	ZWYR-D2403
Control	P.I.D Microprocessor		
Control Mode	Fix Value or Program (up to 9 Segments)		
Control Panel	LCD Touch Screen		
Air Convection	Forced		
Shaking Mode	Orbit		
Volume/ Compartment (L)	190		
Ambient Temperature(°C)	10-35		
Shaking Speed (rpm)	30-300		
Stroke (mm)	Ø1-50 Stepless Adjustable		
Temperature Range (°C)	4-60		
Temperature Accuracy (°C)	0.1		
Temperature Uniformity (°C)	±1°C @37°C		
Timer	1 to 9999 mins		
Tray (mm) (WxD)	800x430		
Tray Included	1	2	3
Inner Dimensions (mm) (WxDxH)	920x532x395		
Exterior Dimensions (mm) (WxDxH)	1300x950x725	1300x950x1310	1300x950x1890
Packing Dimensions (mm) (WxDxH)	1420x1070x850	1420x1070x1480	1420x1070x2060
Net/Gross Weight (kg)	250/290	430/500	630/730
Power (W)	1200	2400 (1200*2)	3600 (1200*3)
Electricity	220-240V 50/60 Hz		
Approval	CE, ISO		
Shortcut Settings	Control Mode, Constant Temperature, Automatic Cooling Control, Power-off Recovery Switch, Door Switch, Print Switch		
Security	Over-temperature Protection, Compressor Overload Protection, Electrical Leakage Protection		
Additional	Built-in Printer, RS485 COM Kit (Option), LED Lighting Control Kit (Option),		

Order Information:

ZWYR-D2401	ZWYR-D2401, 190Lx1, Pre Stackable Shaking Incubator, Single, 4-60, 30-300rpm
ZWYR-D2402	ZWYR-D2402, 190Lx2, Pre Stackable Shaking Incubator, Double, 4-60, 30-300rpm
ZWYR-D2403	ZWYR-D2403, 190Lx3, Pre Stackable Shaking Incubator, Triple, 4-60, 30-300rpm
P5010	Base Stand for ZWYR-D2401
P5011	LED Lighting Panel and Control Kit,
P8010	Tube Rack S/S
P8011	Tube Rack ABS Plastic
P8012	Clamp for 96 Well Plate, S/S
P8021	O Clamp, S/S, for 50ml Flask, with Spring Retainer
P8022	O Clamp, S/S, for 100ml Flask, with Spring Retainer
P8023	O Clamp, S/S, for 250ml Flask, with Spring Retainer
P8024	O Clamp, S/S, for 500ml Flask, with Spring Retainer
P8025	O Clamp, S/S, for 750ml Flask, with Spring Retainer
P8026	O Clamp, S/S, for 1000ml Flask, with Spring Retainer
P8027	O Clamp, S/S, for 2000ml Flask, with Spring Retainer



**ZWYR-D2401 With
P5010 Base Stand**