



ZWY-100H

☞ Descriptions:

The benchtop orbital shaking incubators provided by LABWIT offer for small to medium capacity conditions of time, temperature and orbital agitation for the growth of biological organisms. These microprocessor controlled shakers have a number of advanced features that are really unique in bench top models, such as cooling capacity, stepless shaking diameter adjustment.

LABWIT shaking incubators are lab workhorses and provide “set and forget” programmable operating conditions and precise temperature performance for a variety of molecular biology techniques. The inner chamber is clearly visible from all angles across the room. The audible and visual alarms will alert the operator for set point deviations. The refrigerated models use CFC-free refrigerant, ozone layer friendly.

☞ Features:

1. Smooth and easy to clean design with tempered observation glass window.
2. Inner chamber and tray from electro polished stainless steel.
3. Special low noise induction motor system enables high rotation speed up to 400rpm or 600rpm.
4. Patented driver system allows stroke continuous adjustment from 1 to 50 mm.
5. The combination of high speed and small diameter make ZWY-100D suitable for many applications involving microtitre plates.
6. AC inductive motor, brushless and maintenance free.
7. Microprocessor control with large LCD screen, showing set and actual parameters.
8. Password protection against unauthorized change of parameters.
9. Audible and visual alarms on over temperature and motor overheating.
10. Soft start and smooth acceleration.
11. Timer up to 500 hours and continue mode.
12. Predrilled standard tray included, without clamps.

Specifications:

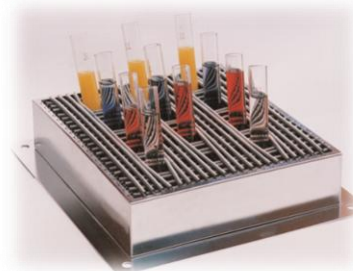
Model	ZWY-103B	ZWY-103D	ZWY- 100H	ZWY- 100D
Volume (L)	34	34	63	63
Shaking Speed (rpm)	30-400	30-600	30-400	30-600
Stroke	Ø24,32,38,50	Ø1-50mm Stepless Adjustment		
Shaking Mode	Orbital	Orbital	Orbital	Orbital
Tray (mm) (WxD)	280x220	280x220	340x370	340x370
Temperature Range	A+ 5 °C to 60°C			
Temperature Accuracy	± 0.1°C.			
Temperature Uniformity	≤ ± 1°C@37°C			
Timer	1 minute to 500 hours			
Flask Configurations	*Glass dimensions may reduce max. capacity			
50 ml	9	9	18	18
100 ml	9	9	18	18
250 ml	5	5	10	10
500 ml	-	-	9	9
750 ml	-	-	5	5
1000 ml	-	-	4	4
Inner Dimensions (mm) (WxDxH)	360x340x280		445x450x315	
Exterior Dimensions (mm) (WxDxH)	440x410x390		600x580x510	
Packing Dimensions (mm) (WxDxH)	560x530x560		720x700x680	
Net / Gross Weight (kg)	31/54	31/54	72/94	72/94
Power (W)	280	280	550	550
Electricity	220-240V 50/60 Hz			
Approval	CE, ISO			

Order Information:

ZWY-103B	ZWY-103B, 34L, Eco Orbital Shaking Incubator A+5-60, 30-400rpm	P8013	T Clamp, S/S, for 150ml Flask, with Spring Retainer
ZWY-103D	ZWY-103B, 34L, Eco Orbital Shaking Incubator A+5-60, 30-600rpm	P8003	T Clamp, S/S, for 250ml Flask, with Spring Retainer
ZWY-100H	ZWY-100H, 63L, Eco Orbital Shaking Incubator A+5-60, 30-400rpm	P8014	T Clamp, S/S, for 300ml Flask, with Spring Retainer
ZWY-100D	ZWY-100D, 63L, Eco Orbital Shaking Incubator A+5-60, 30-600rpm	P8004	T Clamp, S/S, for 500ml Flask, with Spring Retainer
P6001	Tray for ZWY-103B/D, S/S※	P8005	T Clamp, S/S, for 750ml Flask, with Spring Retainer
P6002	Tray for ZWY-100H/100D, S/S	P8006	T Clamp, S/S, for 1000ml Flask, with Spring Retainer
P7001	Universal Tray for ZWY-103B/103D	P8010	Tube Rack S/S
P7002	Universal Tray for ZWY-100H/100D	P8011	Tube Rack ABS Plastic
P8001	T Clamp, S/S, for 50ml Flask, with Spring Retainer	P8012	Clamp for 96 Well Plate, S/S
P8002	T Clamp, S/S, for 100ml Flask, with Spring Retainer	※S/S: Stainless Steel	



P6002 with Clamps



P7002