



## ZWYK-110X30 (\*No lid included)

### Description:

The latest ZWY-110X series reciprocal water bath shaker combines unmatched reliability and durability. It delivers superior temperature control and uniformity with a smooth shaking motion. Bath temperature is controlled to an accuracy of  $\pm 0.1^{\circ}\text{C}$  by a P.I.D microprocessor controller for optimum reproducible bath conditions. Dual thermostats provide optimum protection for your work and water bath. The steeply gabled lid and inward-sloped tank rim allow condensate to drain neatly back into the bath, preventing condensate from dripping onto the samples.

### Features:

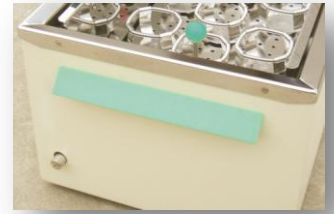
- ★ Solid electric drive mechanism provides uniform and quiet agitation and enables continuous 24 hour operation.
- ★ Water bath temperature is monitored and controlled over the entire range with an accuracy of  $\pm 0.1^{\circ}\text{C}$  with P.I.D temperature controller.
- ★ Easy-to-read LCD digital display provides a user-friendly interface which helps minimize errors in establishing running conditions.
- ★ Non-volatile memory retains preset parameters during a power failure and restarts unit automatically after the power is restored.
- ★ Heat loss and evaporation is minimized with the use of finely electro-polished stainless steel gabled lid cover. (Standard on ZWY-series units, without lid for ZWYK series units)
- ★ High quality #304 stainless steel for excellent durability of interiors and its parts.
- ★ Standard stainless steel tray, without clamps.



**ZWY-110X30  
(With Gable Lid)**

## Specifications:

Model	ZWY-110X30	ZWYK-110X30	ZWY-110X50	ZWYK-110X50
Volume (L)	30		50	
Gable Lid Included	Yes	No	Yes	No
Shaking Mode	Reciprocal			
Temperature Range (°C)	Ambient-99.9			
Temperature Accuracy	±0.1°C			
Temperature Uniformity	±0.2°C@37°C 100rpm			
Timer	1 minute to 500 hours			
Stroke (mm)	16 (Default setting), 24			
Speed Range(rpm)	20-180			
Tray (mm) (WxD)	434x256		494x316	
Capacity *	<b>*Glass dimensions may reduce max. capacity</b>			
50 ml	15		24	
100 ml	15		24	
250 ml	11		15	
500 ml	6		11	
1000 ml	-		6	
Inner Dimensions (mm) (WxDxH)	508x300x198		568x360x250	
Exterior Dimensions (mm) (WxDxH)	732x348x342		792x408x392	
Packing Dimensions (mm) (WxDxH)	860x470x500		920x530x550	
Net/Gross Weight (kg)	18/24		23/30	
Power (W)	1600		2000	
Electricity	220-240V 50/60 Hz			
Approval	CE, ISO			



## Order Information:

ZWY-110X30	ZWY-110X30, 30L, Reciprocal Water Bath Shaker, A-99.9, 20-180rpm, with lid	P8003	T Clamp, S/S, for 250ml Flask, with Spring Retainer
ZWYK-110X30	ZWYK-110X30, 30L, Reciprocal Water Bath Shaker, A-99.9, 20-180rpm, no lid	P8014	T Clamp, S/S, for 300ml Flask, with Spring Retainer
ZWY-110X50	ZWY-110X50, 50L, Reciprocal Water Bath Shaker, A-99.9, 20-180rpm, with lid	P8004	T Clamp, S/S, for 500ml Flask, with Spring Retainer
ZWYK-110X50	ZWYK-110X50, 50L, Reciprocal Water Bath Shaker, A-99.9, 20-180rpm, no lid	P8005	T Clamp, S/S, for 750ml Flask, with Spring Retainer
P6014	Tray for ZWY/ZWYK-110X30, S/S※	P8006	T Clamp, S/S, for 1000ml Flask, with Spring Retainer
P6015	Tray for ZWY/ZWYK-110X50, S/S	P8010	Tube Rack S/S
P7015	Universal Tray for ZWY/ZWYK-110X30	P8011	Tube Rack ABS Plastic
P7016	Universal Tray for ZWY/ZWYK-110X50	P8012	Clamp for 96 Well Plate, S/S
P8001	T Clamp, S/S, for 50ml Flask, with Spring Retainer	P8015	Gable Lid for ZWYK-110X30
P8002	T Clamp, S/S, for 100ml Flask, with Spring Retainer	P8016	Gable Lid for ZWYK-110X50
P8013	T Clamp, S/S, for 150ml Flask, with Spring Retainer	※S/S: Stainless Steel	