

Shaking Water Baths



ZWY-110X30

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.



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	
Inner Dimensions (mm) (WxDxH)	508x300x200		568x360x250	
Exterior Dimensions (mm) (WxDxH)	795x360x380		855x420x430	
Packing Dimensions (mm) (WxDxH)	865x430x520		925x490x590	
Net/Gross Weight (kg)	29/40		33/49	
Power (W)	1600		2000	
Electricity	220-240V 50/60 Hz			
Approval	CE, ISO			

Flask (ml)	50ml	100ml	250ml	500ml	1000ml
ZWYK-110X30/ZWY-110X30	15	15	11	6	-
ZWYK-110X50/ZWY-110X50	24	24	15	11	6



Ordering Information:

Part NO.	Description	Part NO.	Description
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	

Labwit quality assurance program demands the continuous assessment and improvement of all Labwit products. Information in this leaflet could thus change without notification and does not constitute a product specification. Please contact Labwit or their representatives if you require more details