ZHICHENG®

ZHWY-110X/30/50
Water Bath Shakers

Description:

The latest ZHWY-110X Reciprocating 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 $\pm 0.1°C$ 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 cover and inward-sloped tank rim allow condensate to drain neatly back into the bath, preventing condensate from dripping onto samples.

Mirror-finished Stainless Steel Bath Tank Interior

Features of ZHWY-110X Water Bath Shaker:

- Solid electric drive mechanism provides uniform agitation and enables continuous 24-hour operation.
- Water bath temperature is monitored and controlled over the entire range with an accuracy of ±0.1ºC 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 stainless steel gabled cover.

Model	ZHWY-110X30	ZHWY-110X50
Shaking Mode	Reciprocating	Reciprocating
Motor Power	1600W	2300W
Speed	20-180 rpm (±1rpm)	20-180 rpm (±1rpm)
Temperature Range	ambient+5ºC to 99.9ºC	ambient+5ºC to 99.9ºC
Temperature Set Division	±0.1ºC	±0.1ºC
Temperature Uniformity	±0.2ºC	±0.2ºC
Setting	Digital	Digital
Display	LCD	LCD
Control	Microprocessor	Microprocessor
Timer	1 minute to 500 hours	1 minute to 500 hours
Tank Size	508x300x198 mm	568x360x250 mm
Platform Size	434x256 mm	494x316 mm
Standard Capacity	250mlx11	250mlx15
Max. Capacity	250mlx11 500mlx6 50mlx15 100mlx15	250mlx15 500mlx11 100mlx24 1000mlx6
Weight	18Kg	24Kg
Electricity	220V 50/60Hz	220V 50/60Hz

Control Panel

LCD Display

Alarm

Heating Indicator

Timer

Start/Pause

Set/Confirmation

Temperature Control

Speed

Increase/Decrease

Power on/off