



### 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  $\pm 0.1^{\circ}\text{C}$  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 cover and inward-sloped tank rim allow condensate to drain neatly back into the bath, preventing condensate from dripping onto samples.



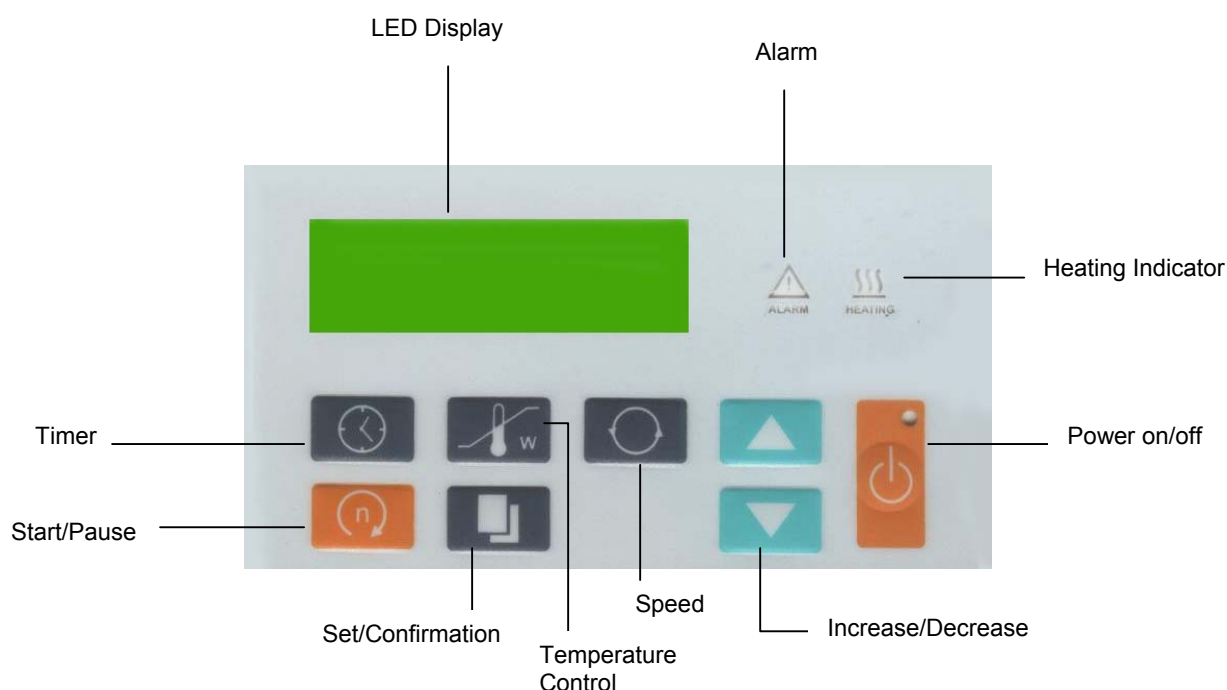
Mirror-finished Stainless Steel Bath Tank Interior

## 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  $\pm 0.1^{\circ}\text{C}$  with P.I.D temperature controller.
- Easy-to-read LED 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-110X  | Timer                  | 1 minute to 500 hours                |
| Shaking Mode           | Reciprocating  | Overall Size           | 732x348x342 mm                       |
| Motor Power            | 432W   | Tank Size              | 508x300x198 mm                       |
| Speed                  | 20-180 rpm ( $\pm 1$ rpm)                              | Platform Size          | 434x256 mm                           |
| Temperature Range      | Ambient $+5^{\circ}\text{C}$ to $99.9^{\circ}\text{C}$ | Capacity               | 250mlx11 500mlx6<br>50mlx15 100mlx15 |
| Temperature Accuracy   | $\pm 0.1^{\circ}\text{C}$                              | Net Weight             | 18Kg                                 |
| Temperature Uniformity | $\pm 0.2^{\circ}\text{C}$                              | Gross Weight           | 24Kg                                 |
| Setting                | Digital  | Electrical Requirement | 220V 50/60Hz                         |
| Display                | LED  |                        |                                      |
| Control                | Microprocessor   | Warranty               | 1 year                               |
| Manufacturer           | ZHICHENG   | Approval               | CE                                   |

## Control Panel



For more information, please contact our distributor in South Africa: **MICRO FILTRATION CC**  
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