



### Available Variants

1. Shaking Water Bath – 5 × 250 ml – Inner S.S.
2. Shaking Water Bath – 9 × 250 ml – Inner S.S.

### Description

- Double walled, inner chamber made of S.S. 304, fully Argon welded. Outer chamber made of CRC powder coated with Rockwool/Glass Wool insulation. Suitable for 9 flasks of 100 ml or 5 flasks of 250 ml, or 12 flasks of 100 ml or 9 flasks of 250 ml, and can be customized as per customer requirements. Equipped with digital Temperature and RPM indication. Can be operated in Air or Water. Temperature range from 5°C above ambient to 99°C with To and Fro Oscillation of shaking tray and electronic speed control between 40–150 RPM.

### Applications

- Used for shaking of flasks in indirect water controlled environment.
- Applications ranging from Pharmaceuticals, Petrochemicals, General Laboratory to Textile Industries.

### Salient Features

- Unique design
- Aesthetic exterior appearance
- Ease of maintenance and easy to operate
- Double walled chamber design
- Improved version of Water Bath Incubator Shaker
- Can operate in both Air and Water media
- No leakage of water or replacement of shaking tray
- Bath is fully ARGON WELDED for leakage-free performance
- Dome type hinged stainless steel lid
- Bath panel with 2 pilot LED lamps and ON/OFF switch
- Digital RPM Indicator
- Oscillating tray riding on ball rollers
- PMDC geared motor with variable speed control

### Technical Specification

- Construction: Double Walled

#### Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,  
Near Gujarat College, Ellisbridge,  
Ahmedabad-380 006.  
Phone : (079) 6621 1234  
Website : [www.eieinstruments.com](http://www.eieinstruments.com)

#### Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,  
Opp. Primary School, Village Kubadthal,  
Tal-Daskroi, Ahmedabad-382 433.  
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GST TIN No. : 24AABCE4018L1ZU  
I.T. PAN No. : AABCE 4018L  
IEC No. : 0813026598 Dt. 04/03/2014  
CIN No. : U29199GJ2004PTC045078  
TAN No. : AHME00572F



- Inner Chamber: Fabricated from Polished Stainless Steel S.S. 304 Grade, Fully Argon Welded
- Exterior Body: Fabricated from Mild Steel / CRC Powder Coated
- Paint: Powder Coating
- Insulation: Rockwool / Glass Wool Insulation Between Inner Chamber and Exterior Body
- Operating Media: Air or Water
- Temperature Range: From 5°C Above Ambient to 99°C
- Heating: Open Type Air Heaters Placed at the Bottom of the Inner Chamber
- Temperature Controller: Microprocessor Based Auto-Tune PID Digital Temperature Controller Cum Indicator
- Temperature Stability:  $\pm 0.5^{\circ}\text{C}$  /  $\pm 1^{\circ}\text{C}$  (Model Dependent)
- Temperature Accuracy:  $\pm 0.5^{\circ}\text{C}$
- Heater Control: By Control Switch Installed in the Control Panel
- Heater Status: Control Indication Lamp
- Shaking Mechanism: PMDC Geared Motor
- Oscillation Type: To and Fro Oscillation
- Motor Speed: 40–150 RPM
- Motor Speed Display: Digital RPM Indicator
- Speed Control: Electronic Speed Regulator
- Shaking Rack Capacity: 9 × 100 ml or 5 × 250 ml Flasks / 12 × 100 ml or 9 × 250 ml Flasks (Model Dependent)
- Shaking Rack Material: Polished Stainless Steel S.S. 304 Grade
- Bath Chamber Size: 15" × 16" × 8" or 20" × 18" × 8" (W × D × H) (Model Dependent)
- Bath Volume: 30 Liters / 45 Liters (Model Dependent)
- Power Consumption: 02 kW
- Power Supply: 230 Volts, 50 Hz, Single Phase AC Supply

#### Notes

- Flask holding arrangement can be customized as per customer requirements.
- Suitable for operation in both Air and Water media.
- Bath is fully Argon welded to ensure lifetime leakage-free performance.

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