



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

SHAKING WATERBATH - 15 X 250 ML- INNER S.S. - HEATING AND COOLING



SHAKING WATERBATH - 15 X 250 ML- INNER S.S. - HEATING AND COOLING

1. Double walled, inner chamber made of S.S.304 - fully argon welded, Outer chamber of CRC-powder coated, Rockwool insulation, Can take 18 flasks of 100 ml or 15 Flasks of 250 ml or can be customized as per the customer requirements, Digital Temp. and RPM indication, Can be operated in Air or Water.
2. The refrigeration system consisting of Hermetically sealed compressor for minimum noise level and smooth operation, Coupled with other quality components, it ensures a high degree of reliability over a long period. Temp. range from 5 °C above ambient to 60°C.
3. To and Fro Oscillation of shaking tray, electronic speed controlled between 30-200 oscillation per minute.

Technical Specification

- Construction : Double Walled
- Inner chamber : Fabricated from polished stainless steel material S.S. - 304 grade
- Exterior body : Fabricated from Mild steel material
- Paint : Powder Coating

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

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



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- Insulation : PUF insulation between inner chamber and exterior body to prevent direct thermal heat loss
- Temperature Range : 5 °C to 60 °C
- Heating : Heated by open type Air heaters placed at the bottom of the inner chamber.
- Refrigeration System : Hermetically sealed ISI marked KIRLOSKAR OR EQUIVALENT make compressor for minimum noise level and smooth operation
- Refrigerant : R-134A Gas
- Temperature controller : Microprocessor based Auto-Tune PID Digital Temperature controller cum indicator
- Temperature Stability : $\pm 1^{\circ}\text{C}$
- Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$
- Heater control : By control switch installed in the control panel
- Heater Status : Control indication lamp
- Shaking : Achieved by PMDC Geared Motor
- Motor RPM : 30 - 200 RPM
- Motor speed display : Digital RPM Indicator
- Speed control : By electronic Speed Regulator
- Shaking racks : 15 Flask of 250 ml
- Shaking racks material : Manufactured from polished stainless steel material S.S. - 304 Grade
- Bath chamber Size : 20" x 18" x 8" cm (W x D x H) approx..
- Bath Volume : 45 Liters
- Power Consumption : 02 KW
- Operates on : 230 Volts, 50 Hz, Single phase, AC Supply

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