



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

WATERBATH FOR WATER ABSORPTION TEST OF CERAMIC TILE-(BIS 13630-2, EN ISO 10545-3)

Complies with International Standards:

IS : 13630 (Part - 2), ISO : 10545 (Part-3) , IS 2556

Purpose:

For water absorption test of ceramic tiles. The tiles will be placed vertically in the slots provided to conduct the water absorption characteristic test.

Note:

Also Need To Have Following Instruments To Complete The Test Procedure **(WILL BE SUPPLIED AT EXTRA COST)**

1. Desiccator
2. Silica gel
3. Hot air oven
4. Electronic balance (5 kg x 1 gm)



Technical Specification

•Construction	: Double walled in construction
•Inner chamber	: Mirror polished Stainless Steel material S.S. - 304 Grade
•Exterior body	: Mild steel material
•Paint	: Powder coated in attractive shades
•Lid of the bath	: Matt finished Stainless Steel material S.S. - 304 Grade
•Insulation	: Glass wool insulation for minimum heat loss
•Temp Range	: 5 °C above ambient to 100 °C
•Temp control	: Microprocessor based Auto-Tune PID Digital Temp Indicator cum controller
•Temp, Accuracy	: $\pm 0.5\text{ }^{\circ}\text{C}$
•Temp. Sensor	: PT-100 Sensor
•Stirrer	: High speed stirrer for uniform temp distribution

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
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Calibration Laboratory:

B-14, Zaveri Industrial Estate, Opp. Shyam Villa,
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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



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- Stirrer Motor : Electric motor of 1/20 HP
- MOC of Stirrer shaft : Anti - corrosive Material
- MOC of Propeller : Anti - corrosive Material
- Heating elements : 04 KW
- Can accommodate : **Test specimen up to 300 X 300 mm (AS PER BIS 13630-2 & ISO 10545-3 Standard)**
- Operation on : 230 Volts, 50 Hz, Single Phase, AC Supply
- Supplied with : Vertical stand made from strong S.S. rod to place **200 x 200 mm** **300 x 300 mm** ceramic tiles.
Stand will be removable
: Stirrer is fitted on side of the bath, which allows obstruction free usage of working area.

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