



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

#### 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:

B-14, Zaveri Industrial Estate, Opp. Shyam Villa,  
Singra-Kathwada Road,  
Kathwada, Ahmedabad-382 430.  
Phone : (079) 6604 0660 • Fax : (079) 6604 0600  
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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



- 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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