



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

## TILES AUTOCLAVE - (CRAZING TEST AUTOCLAVE) -500MM DIA X 750MM DEPTH - EN ISO 10545-11

### Salient Features:

- Triple safety against accidental over pressure. Safety Valve / Pressure control switch/ Digital Temp. indicator cum controller
- Simple in design and operation
- Easy heater replacement
- Calibrated Pressure Gauge
- Teflon coated boiling chamber -resistive against corrosion
- Hard chrome plated autoclave lid - resistive against corrosion
- Safety against Electrical Short circuit
- Chamber Size : **500 X 750 MM**
- Maximum Tile Size : **18" X 28"**
- Maximum Pressures : **7.5 kg/cm2 (735 KPA)**
- Maximum Temperature : **165 °C**
- Chamber volume : 147 Liters



Quadruple walled construction, Inside M.S. Boiler, air insulation cover, Glass wool Insulation cover and outer cover. Special design ensures easy heater replacement, even by one skilled man. A special gasket is fitted in the grooves to resist high pressure and temperature.

**7.5 kg/cm2 (735 KPA) Pressure** - It consists of a thick Mild steel cylinder. Duly Teflon coated with insulation covers, mounted on a sturdy supporting frame, enclosed in a metal housing, attractively finished in hammer tone or powder coated. The attached control unit encloses a sensitive pressure regulator, pressure gauge and safety valve. Further fitted with a DIGITAL Auto tuning PID Temp. Indicator cum controller with soak timer to safeguard against failure of pressure control switch or safety release valve. Soak timer regulates the autoclave timing independently and need no manual shutdown after the completion of autoclave cycle. However, pressure has to be released manually by drain valve provided. An electrical safety switch is provided for prevention of short circuit. A special safety valve is made of stainless steel and factory calibrated to safeguard against over pressure. A Cooling fan is provided beneath the boiler for quick cooling. **Suitable for operation on 440 Volts, 50 Hz, Three Phase, AC supply**

### 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,  
Singarva-Kathwada Road,  
Kathwada, Ahmedabad-382 430.  
Phone : (079) 6604 0660 • Fax : (079) 6604 0600  
E-mail : [info@eieinstruments.com](mailto: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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#### Technical Specification

- Temp. Range : 185 0C
- Pressure : Steam Pressure- 10 bar
- Specimen Size : 150 mm cube
- No of specimen : 3

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