



Available Variants

1. Tiles Autoclave (Crazing Test Autoclave) – 250 mm Dia × 350 mm Depth – EN ISO 10545-11
2. Tiles Autoclave (Crazing Test Autoclave) – 350 mm Dia × 450 mm Depth – EN ISO 10545-11
3. Tiles Autoclave (Crazing Test Autoclave) – 450 mm Dia × 550 mm Depth – EN ISO 10545-11
4. Tiles Autoclave (Crazing Test Autoclave) – 500 mm Dia × 750 mm Depth – EN ISO 10545-11

Compliance Standards

- IS:13630/Part-9
- EN ISO 10545-11

Salient Features

- Triple safety against accidental over pressure.
- Safety Valve.
- Pressure Control Switch.
- Digital Temperature 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.
- Quadruple walled construction consisting of 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.
- Special gasket fitted in the grooves to resist high pressure and temperature.
- Thick Mild Steel cylinder with Teflon coating and insulation covers.
- Mounted on a sturdy supporting frame enclosed in a metal housing with hammer tone or powder coated finish.
- Control unit fitted with sensitive pressure regulator, pressure gauge and safety valve.
- Digital Auto Tuning PID Temperature Indicator cum Controller with Soak Timer.
- Soak Timer regulates autoclave timing independently without manual shutdown after completion of cycle.
- Pressure is released manually through drain valve.
- Electrical safety switch provided to prevent short circuit.
- Stainless Steel factory calibrated safety valve.
- Cooling fan provided beneath the boiler for quick cooling.
- Suitable for operation on 440 Volts, 50 Hz, Three Phase AC Supply.

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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



Technical Specification

- Product Type: Tiles Autoclave (Crazing Test Autoclave)
- Compliance Standards: IS:13630/Part-9, EN ISO 10545-11
- Chamber Size: 250 × 350 mm / 350 × 450 mm / 450 × 550 mm / 500 × 750 mm (Model Dependent)
- Maximum Tile Size: 8" × 12" / 12" × 16" / 16" × 20" (Model Dependent)
- Chamber Volume: 15 Liters / 43 Liters / 87 Liters (Model Dependent)
- Maximum Pressure: 7.5 kg/cm² (735 KPA)
- Maximum Temperature: 165°C
- Boiler Construction: Thick Mild Steel Cylinder
- Boiling Chamber: Teflon Coated
- Autoclave Lid: Hard Chrome Plated
- Construction: Quadruple Walled
- Insulation: Air Insulation Cover and Glass Wool Insulation Cover
- Temperature Controller: Digital Auto Tuning PID Temperature Indicator cum Controller with Soak Timer
- Pressure Control: Pressure Regulator, Pressure Gauge and Safety Valve
- Safety Features: Triple Safety Against Over Pressure, Electrical Safety Switch, Stainless Steel Safety Valve
- Cooling System: Cooling Fan Beneath Boiler
- Pressure Release: Manual Drain Valve
- Heater Replacement: Easy Replacement Design
- Power Supply: 440 Volts, 50 Hz, Three Phase AC Supply
- Overall Dimensions: 690 × 870 × 950 mm (L × W × H) + 410 × 315 × 700 mm (L × W × H) (Where Applicable)

Notes

- Chamber size, maximum tile size, chamber volume, and overall dimensions are model dependent.
- Pressure has to be released manually by the drain valve provided.
- The Digital Auto Tuning PID Temperature Indicator cum Controller with Soak Timer safeguards against failure of the pressure control switch or safety release valve.
- The Soak Timer regulates the autoclave timing independently and does not require manual shutdown after completion of the autoclave cycle.

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