Presto Stantest Pvt. Ltd.

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Accelerated Ageing Oven

PID Temperature Controller

Digital Timer





Ventilation

Accelerated Ageing Oven ageing and heat resistance tests are designed to estimate the relative resistance of rubber to deterioration with the passage of time. For this purpose, the rubber is subjected to controlled deteriorating influences for definite periods, after which appropriate properties are measured and compared with the corresponding properties of the unaged rubber. In accelerated ageing, the rubber is subjected to a test environment intended to produce the effect of natural ageing in a shorter time.

- Temperature control through PT-100 sensor
- Highly accurate test results under uniform temperatures in the chamber
- High Grade imported Glass Wool insulation
- Maximum Thermal Efficiency by insulation means.
- Advanced Digital Microprocessor & PID based temperature controller
- Digital Preset Timer (In hrs:min:sec)
- Provision of Set Time and Process time on timer display
- Air-oven method using cabinet oven
- Feather touch controls
- Inbuilt Auto tuning function
- Provision to set PV and SV value
- Inbuilt Calibration feature with reference to master PID controller

In this method, the test pieces are subjected to a higher temperature than the rubber would experience in service in order to produce the effects of natural ageing in a shorter time.

Key Specifications:

Size	455x455x455 mm (18" x18" x 18") 609x609x609 mm (24" x24" x 24")
Display	LED (Digital)
Accuracy	± 2°C
Least Count/Resolution	1°C or 0.1°C (As per model)
Power	15A,220V, Single phase, 50 Hz
Temperature Range	Upto 250°C or 300 °C

Highlights:

No. of Sample racks or Cell	Rack 2No (more available on demand)
Handle	Yes
Material	Mild Steel (Outer Body) Stainless Steel (Inner Body)
Finish	Powder coated Havel Grey & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish

Key :

1. Test piece carrier
2. Test pieces
3. Turbulent air flow
4. Heating element
5. Motor
6. Air inlet
7. Air blower

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