

Testronix Ozone Chamber

Rubber manufacturers need to ensure quality of the products manufactured by them. The ozone test chamber becomes useful in testing the reperussion

Testronix is one of the premier manufacturers of ozone test chambers and is very user friendly. It helps in ascertaining the quality of rubber keeping in mind aging, rubber stress, cracking etc. it also has an important application to check the static tensile deformation such as thermoplastic rubber, vulcanized rubber, cable insulations etc.



Features-

- Inbuilt ozone settings through ozone generator
- Digital Preset Timer functions incorporated for accuracy and repeatability
- Corrosion Resistant PT-100 sensor
- Ozone Concentration-controlled and measured by means of precise detecting system
- Solid state digital Programmable Temperature Controller
- Robust Construction with GRP/IP65 enclosure
- Ease of use of sample placements inside the test chamber with static and dynamic test fixtures
- Dynamic Counter to count the no. of dynamic test cycles
- Maintain rapid resumption of O₃ concentration during continuous circulation
- Fully automatic test cycle after settings through digital control

Specification-

- Chamber Temperature Range: Ambient to 45°C
- Chamber Temperature Least Count: 0.1°C
- Chamber Temperature Repeatability: $\pm 2^\circ\text{C}$
- Concentration: 50 to 250 pphm
- Compressor: 12-20
- Inlet feed gas pressure: 10 psi (max.)
- Power: 220V
- Motor stroke: per 30min
- Full Stroke: 25mm to 100mm
- Static Test: Rotation: 1rpm
- Temperature Control sensor
- Material : Mild Steel

Applicable Standards

ASTM D 1149; D1171; D3395; ISO Standard 14311/II/III and IS 3400 Part 20. ISO 1431 & JIS K6259 standards.

