



Automatic Ozone Environment Test Chamber



"FF" OZONE TEST CHAMBER

Technical Specification

Exposure Chamber

- Dimensions 500 x 500 x 600 (150L).
- Ozonised Air Flow 50-300L / min.
- Maximum of 2 air changes / min.
- Internal circulation fan to ASTM D1149. 600mm/sec. (2feet/sec).
- Test Chamber Illumination.
- Closed loop circulation.

Test Sample Piece Carrier

- Static test piece carrier
 - * 15 sample frames of variable, adjustable strain.
 - * Rotating Carrier 1 Rev/5mins with spin movement of each frame.
- Dynamic test piece carrier.
 - * 8 samples frame.
 - * Adjustable strain 5%, 10%, 15%, 20%, 25%, 40% & 60%.
 - * Operating frequency 0.5 HZ

Temperature / Humidity Range

- Operating range ambient +5° + 70°C.
- Control accuracy ± 1°C.
- Humidity: 10 90%. (Control optional extra)

Ozone Concentration

- Operational range measured in pphm 25 200.(UPTO 10PPM OPTIONAL EXTRA)
- Ozone generation through Corona discharge.
- Ozone recovery after sample insertion within 10 minutes.

Ozone Measurement

- UV absorption Analyzer
- Measurement accuracy ± 2 pphm.
- Control accuracy ± 10% of set point.
- Standby chemical method for ozone measurement.(OPTIONAL EXTRA)

Computerized Control, Recording & Reporting

- Customized "FF" Ozone-soft"
- Complete software control of Ozone Test sequence.
- Customised reporting of test results as per ISO:1431-1/2.

Dimensions

- Main Chamber: width1000 x Height 1500 x Depth1000mm
- COMPUTER SYSTEM CABINET MOUNTED.

SPCIFICATION STANDARD
ISO 1431-1 AND 2 :1989(E)



For Further Details

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