

Critical Oxygen Index Apparatus



To determine the minimum percentage of Oxygen required to just support flaming combustion of a material at Room Temp. in FTA mode or at a Higher Temp. (up to 400°C) in HFTA mode.

Direct readout of Oxygen percentage on an analyzer using paramagnetic oxygen sensor at high accuracy of 0.1% resolution.

Double wall Test Column of Flame resistant glass of 75mm dia., suitable for testing different size samples in Flammability Test Apparatus or Heated Flammability Test Apparatus mode.

Conforms to ASTM D-2863, Draft IS:ETDC 59 (2240/58), BS:2782 Part-141, ISO: 4589 -2, ISO 4589 - 3 and many other International Standards.

Test applicable for wide range of materials such as Polymers, Cables, Textiles, Plastics, Rubber, Nylon, Laminates, Paints & Surface Coatings etc., used in Ships, Trains, Aircrafts & Road Electronics, Computers & Tele-communications.

Features

To determine the minimum percentage of Oxygen required to just supporting flaming combustion of a material at Room Temp. in FTA mode or at a Higher Temp. (Up to 350°C) Temp. and Index mode. (optional up to 400°C).

Direct readout of Oxygen percentage on an analyzer using paramagnetic oxygen sensor at high accuracy of 0.1% resolution.

Double wall Test Column of Flame resistant glass of 75mm diameter, suitable for testing different size samples in Flammability Test Apparatus or Heated Flammability Test Apparatus mode.

Conforms to ASTM D-2863, Draft IS: 10810, BS: 2782 Part-141, ISO: 4589-3, NES 714, NES 715 and many other International Standards.

Test applicable for wide range of materials such as Polymers, Cables, Textiles, Plastics, Rubber, Nylon, Laminates, Paints & Surface Coatings etc., used in Ships, Trains, Aircrafts and Road Electronics, Computers and Tele - communications.

Digital display of column temperature.

Transparent radiant heated test column.

Highly efficient gas pre-heater.

Provision to connect Air line to conserve oxygen and nitrogen supply during standby period.