

Limiting Oxygen Index Chamber

The advanced LOI Limiting Oxygen Index Chamber accurately determines the relative flammability of plastics and other materials, by measuring the minimum oxygen concentration that will support combustion according to ASTM D2863 and ISO 4589 specifications. The test specimens are burned in a precisely controlled atmosphere of nitrogen and oxygen. The operator adjusts the supply gases and uses the flow meter readings to calculate the oxygen index.



Limiting Oxygen Index Chamber, LOI

Features:

- Easy to operate
- Flexible sample testing
- Uniform combustion atmosphere
- Precision gas flow metering
- Twin gas flowmeters with control needle valves, certified calibration to $\hat{A}\pm 0.5\%$
- Twin gas pressure gauges (0-100 psi)
- Chimney gas dispersion chamber with glass bead bed
- Rigid specimen holder

