



Limiting Oxygen Index Tester - Paramagnetic Type Model QualiLOI™ -PM

STANDARDS

ASTM 2863

ISO 4589-2

NES 714

APPLICATIONS

Limiting Oxygen Index Tester - Paramagnetic Type Model QualiLOI™ PM

Limiting Oxygen Index (LOI) Tester - Paramagnetic Type Model QualiLOI-PM determines the minimum oxygen concentration required for specimen combustion. This model features a Paramagnetic Type oxygen sensor known for its precision, long lifespan, low error rate, and high reliability. It complies with standards such as ASTM D2863, ISO 4589-2, NES714, and others.



Technical Parameters:

- Paramagnetic oxygen cell for precise oxygen level assessment (less than 0.1%).
- Digital display showing nitrogen gas flow and the total flow of oxygen and nitrogen.
- Digital display of oxygen percentage during the test—no calculations needed.

- High-temperature resistant quartz glass tube, capable of withstanding higher test temperatures.
- Gas ignition device with easy flame length adjustment.
- Sample holders provided for both rigid and flexible samples.
- Shortened gas path for quicker response times.
- Paramagnetic oxygen sensor range: 0 to 100% oxygen.
- Repeatability (typical): $\pm 0.1\%$ oxygen.
- Linearity (typical): $\pm 0.1\%$ oxygen.

TECHNICAL SPECIFICATIONS

Limiting Oxygen Index Tester - Paramagnetic Type Model QualiLOI™ PM

Technical Specifications

Dimension	420 mm (W) x 350 mm (D) x 560 mm (H)
Weight	10KG
Electrical	115 Volts AC 60Hz / 230 Volts AC 50Hz
Ambient Temperature	Operating 10°C to 35°C.
Gas Supplies	Oxygen, Nitrogen and Propane



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