

LOI 901 – Oxygen Index Analyzer

Testing System for Determining the Burning Behavior of Plastics by Oxygen Index at Ambient Temperature in Accordance with ISO 4589-2 and ASTM D2863

With the help of LOI fire testing device (LOI = Lowest Oxygen Index), the burning behavior of polymers is determined by the oxygen index.

Compact and lightweight, the device features a high-resolution touch display for intuitive user guidance. The fully automatic calibration and testing functions make it easy to operate the LOI.

All relevant data such as temperature, flow rate and time are displayed during the test. Except for the test gases (O_2/N_2) and the burning gas, all necessary accessories for performing standard tests are included in the scope of delivery.

Information Obtained by LOI

- Limited oxygen index, minimum oxygen concentration at which combustion of the test specimen becomes possible
- Flammability of plastics
- Burning time
- Burning distance

