

Determination of Flammability by the Oxygen Index Method at Normal and Elevated Temperatures

SPECIFICATIONS

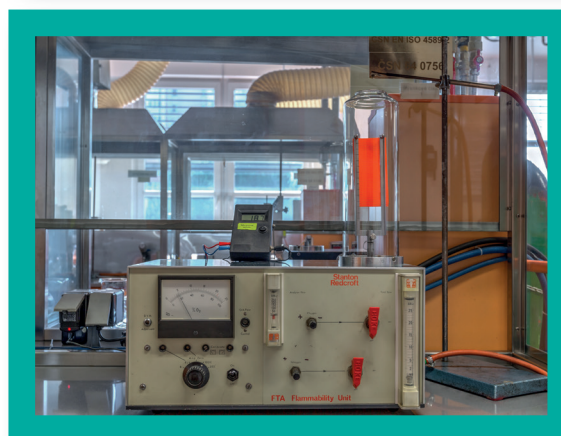
An instrument for determining oxygen index of solid materials in miscellaneous shape variants (textile, foils, solid materials). The working atmosphere is prepared by mixing O_2 and N_2 from pressure cylinders, the instrument includes an oxygen analyzer. In the laboratory, it is possible to measure oxygen index even at elevated temperatures according to ČSN EN ISO 4589-3.



MEASURING METHODS

Determination of flammability by the oxygen index method according to ČSN EN ISO 4589-2 (ČSN 640756) - Plastics - Determination of flammability by the oxygen index method - Part 2: Ambient-temperature test.

ČSN EN ISO 4589-3 (ČSN 640756) Plastics - Determination of flammability by oxygen index method - Part 3: Elevated-temperature test.



OVERVIEW OF MEASURABLE PARAMETERS / OUTPUT INFORMATION

Oxygen index ranging from 0 - 100 % O_2 also at elevated temperature up to 400 °C.

TYPES OF SAMPLES SUITABLE FOR ANALYSIS / MEASUREMENT CONDITIONS

Textile, foils, solid materials.