

Explosion Chamber VK-20

SPECIFICATIONS

The explosion chamber has a combustion chamber volume of 20 l and is primarily intended for determining the explosive limits (lower and upper) of flammable liquids and flammable gases, it is also possible to determine the explosion temperature points (temperature limits), the limiting oxygen concentration LOC. The device is heated to a temperature of approx. 300 °C.



MEASURING METHODS

It is a device developed and designed by the FBI, the working procedure is based on ČSN EN 1839 - Determination of explosion limits and limiting oxygen concentration (LOC) for flammable gases and vapours.

OVERVIEW OF MEASURABLE PARAMETERS / OUTPUT INFORMATION

Lower explosive limit LEL, upper explosive limit UEL, lower explosion point LEP, upper explosion point UEP, limiting oxygen concentration LOC.

TYPES OF SAMPLES SUITABLE FOR ANALYSIS / MEASUREMENT CONDITIONS

Flammable liquids and gases, parameters can be determined even at elevated initial temperatures, the chamber is heated to about 300 °C.