

LOW-TEMPERATURE GAS ANALYZER
FOR SMALL AMOUNTS OF GASES
SORBED BY NANOSTRUCTURED
AND DISPERSE MATERIALS

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S u m m a r y

A physical technique for determining the qualitative and quantitative composition of small amounts of gas mixtures is proposed. Based on this technique, the composition of the gas mixture desorbed from a sample of polycrystalline compacted fullerite C₆₀ heated to 450 °C was analyzed. Recommendations concerning the heating temperature of polycrystalline fullerite C₆₀ optimal for the maximal elimination of gas admixtures are expressed.