

KD-3 OPTOELECTRONIC COLORIMETRIC GAS LEAK DETECTOR



KD-3 optoelectronic colorimetric gas leak detector with a portable sensor unit

Areas of Application

The device is to be used for detecting the presence of gas in the environment and the gas leaks in the pipelines, for assessing the pollution of hollow structures compartments with volatile gases (ammonia, amyl, heptyl etc.), and localizing the gas leaks at the structure joints

Specification

Image field, cm	≤ 2
Light sensitivity, lx	1–50
Color resolution	10^6 tones
Light source type/color	USB LED/6500
temperature, K	
Detection threshold, ppm	<1

Advantages

There are no analogs in Ukraine. The device is notable for reproducibility of gas detection and a high sensitivity (about several tenth ppm) due to the use of highly sensitive colorimetric indicator

Stage of Development. Suggestions for Commercialization

IRL6, TRL6
Manufacture, supply, and maintenance, upon request

IPR Protection

IPR3

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