

# DETECTOR OF EXPLOSIVE TRACES AT DOCUMENTS

# MO-2D

## APPLICATION

Examination of documents (passports, ID, credit cards, etc.) for the presence of explosive traces.

## SPECIFICATIONS

<i>Detection principle</i>	Non-Linear Dependence of ion Mobility on an electric field (NLDM)
<i>Detectable substances</i>	main explosives: TNT, NG, PETN, RDX, and other based on them
<i>Sensitivity</i>	5 - 10 ng depending on the explosive type
<i>Time for a document check</i>	8 ... 99 sec (adjustable)
<i>Power supply</i>	from main: AC 100 - 240V, 50/60 Hz, or from the rechargeable battery: DC 12 V supplied
<i>Alarm indicators</i>	audible and visible indication of the explosive traces presence at a document, displaying of the detected signal
<i>Warm-up time</i>	less than 15 minutes
<i>Maximal time of continuous operation</i>	round-the-clock operation is possible when powered from main
<i>Power consumption</i>	less than 80 VA
<i>Weight of the detector</i>	less than 6 kg
<i>Weight of the complete set</i>	less than 9 kg
<i>Dimensions</i>	420 x 200 x 180 mm

**No radiation sources are used.**

The co-operation with the portable gas chromatograph GCS-02F is provided.

When used with PC, the data transfer via Bluetooth or cable is provided.



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