

DETECTOR OF EXPLOSIVE TRACES

MO-2DT

APPLICATION

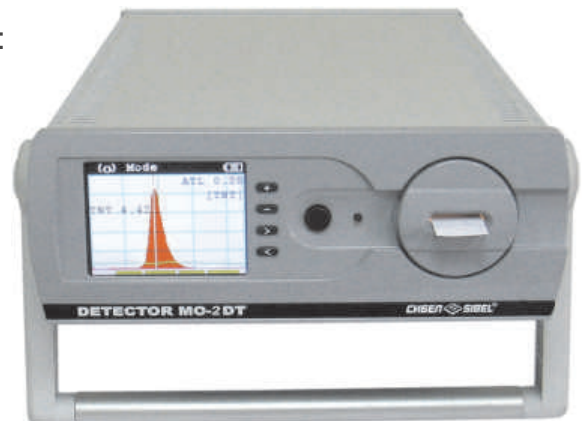
The desktop explosive traces detector MO-2DT is designed for the inspection of:

- carried luggage
- shipments and consignments
- post and parcels
- persons and clothes
- buildings, appartaments, furniture
- vehicles, etc.

for explosives traces presence, by means of quick particles analysis during various objects inspection.

SPECIFICATIONS

<i>Detection principle</i>	NLDM - Non-Linear Dependence of ion Mobility on an electric field
<i>Gas-carrier</i>	Not required
<i>Sampling</i>	Real time sampling with synchronous analysis and alerting the operator when an explosive is detected
<i>Response time</i>	Up to 15 sec
<i>Detectable substances</i>	TNT, NG, PETN, RDX, Tetryl, and other based on them
<i>Sensitivity to TNT</i> (20°C, 50% relative humidity)	“laboratory” mode: about 400 pg “field” mode: about 20 ng
<i>Alarm indicators</i>	Visible, audible, ionograms on the detector and external PC display
<i>Low battery alarm</i>	Visible, audible, LCD
<i>Power supply</i>	From main (100-240 V/50-60 Hz): up to 24 hours of continuous operation; from integrated accumulator: up to 2 hours
<i>Weight of the detector with battery</i>	6,9 kg
<i>Dimensions (without handle)</i>	105 x 250 x 320 mm
<i>Operating temperature</i>	+ 5 ... + 45 °C
<i>Operating humidity</i>	Up to 80% (at +25°C)



The detector does not contain any radioactive material.

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

Data transfer to external PC via Bluetooth is provided.

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