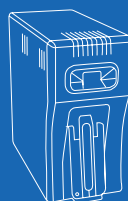
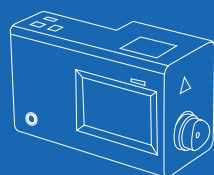
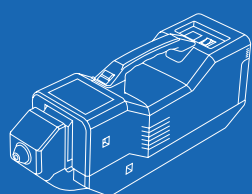


OUR EQUIPMENT **YOUR SAFETY**



TRADESNABEXPORT



DETECTOR FOR HAZARDOUS CHEMICAL
AGENTS AND EXPLOSIVES

Segment

Automatic stationary gas analyzer Segment with explosive detection module is the first fully automatic detection system for hazardous chemical agents and explosives without disposable consumables



Identification and recognition of trace quantities of explosives using lightweight and compact reusable inspection receptors



Identification and recognition of hazardous chemical agents 24 hours per day, 7 days per week



ADVANTAGES:

- Identification and recognition of trace quantities of explosives without wipes or other disposable consumables
- Simultaneous detection and identification of all major toxic and poisonous substances
- Prompt reaction to changes in air composition
- Long service interval
- Unlimited scalability of the system
- User-friendly interface
- Expandable list of identified substances

TECHNICAL SPECIFICATION:

DESKTOP/STATIONARY UNIT

Detection principle	bipolar ion mobility spectrometry
Identified explosives	blasting and initiating, industrial and home-made, including: TNT, RDX, PETN, DNT, nitroglycerin, EGDN, HMX, tetryl, trinitrophenol, ammonium nitrate/ANFO, dinitronaphthalene, acetone triperoxide, HMTD, as well as mixed explosives based on them (plastic explosives, dynamites, gunpowder, etc.)
Detectable hazardous chemical agents	<ul style="list-style-type: none"> · hazardous chemicals: hydrogen sulfide, hydrogen chloride (hydrochloric acid), hydrogen fluoride (hydrofluoric acid), sulfur dioxide (sulfur dioxide), chlorine, ammonia, nitric acid. · CWAs: sarin (GB), soman (GD), VX, mustard gas (HD, HN_x), lewisite, phosgene, diphosgene, hydrocyanic acid/cyanides.
Detection limits: - for trace quantities of explosives (in terms of TNT) - for CWAs - for TIC	10^{-9} g 10^{-13} g/cm ³ ABOUT 1xPEL (PERMISSIBLE EXPOSURE LIMIT)
Response time	max 5 sec
Overall dimensions (LxWxH)	250x110x225 mm
Weight	3.5 kg
Consumed power	up to 120 W

PORTABLE UNIT (INSPECTION RECEPTOR)

Number of receptors used with a single Segment	unlimited
Number of measurement cycles	min 1000
Overall dimensions (LxWxT)	115x48x13 mm
Weight	41 g



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