

RS DYNAMICS

miniEXPLOnix



- * the smallest (pocket size)
- * the fastest
- * the lightest
- * the most sensitive
- * the most robust & reliable
- * the easiest to operate
- * the most affordable

... explosive agents detector/sniffer

NEW !

Specifications

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Characteristics:

- The smallest (real pocket size)
- The fastest
- The lightest
- The easiest to operate
- The most sensitive
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- The most affordable

... portable Explosive Detector on the world market !

Sampling & Detection:

- Semi-Selective Infra-Red Continuous Vapour Mode with instant reading
- Particulate Mode using sampling strips with Infra-Red collection and instant reading
- Colour display with graphic (bar-graph) and numeric output
- Acoustic and Red-Flashing visual alarm
- One-button operation
- No "sampling - analysis" intervals required, instrument works in continuous reading mode!
- Internal flash-disk for tens thousands measurements

Detection parameters:

- Detects ALL the EXPLOSIVES incl. "home made" down to nanogram level
- Excellent detection of all non-volatile explosives in Semi-Selective IR Continuous Vapour Mode
- Analysis time: about 1 second
- Extremely resistant to interfering chemicals and organic compounds, perfumes, etc.
- Excellent false alarm rate

Cleaning:

- Typically within few seconds even after high exposure

Start-up / warm-up time:

- Cold start: typically 5-18 seconds

Physical:

- Built-in WiFi module for full remote control/data download/factory service (optional)
- The whole day operation for one battery charge
- Easy exchangeable battery, can be supplied with two batteries (optional)
- The most advanced military category LiPol battery cells for low weight, high capacity and long life
- Robust belt holster for comfortable whole-day wearing (similar size to gun holster)
- Extremely robust & highly ergonomic case made of advanced carbon fibers plastics for high impact resistance and light weight
- Designed & manufactured for heavy duty military use with highest level of reliability
- "Falling water" resistant (IP42)
- Heavy Duty carrying case for the instrument with all accessories

Weight:

Without batteries: 0.400 kg
With batteries: 0.685 kg

Size:

Length: 249 mm
Height: 48 mm minimum - 55 mm maximum
Width: 65 mm

Operation:

- Extremely user-friendly and easy to operate - using only one button. First press: start-up, second press: measurement, third longer press: switch-off.
- All operational parameters configurable from PC; Password protected.
- PC connection: WiFi, USB 2.0, RS 232
- Android mobile platform compatible via WiFi

Training:

- NO special operator's training required, easy operation understandable to any operator without special qualification
- Easy and simple training of expert/commander to set-up operational parameters via PC

Remote control:

- All operations remotely controllable via PC/ Android remote control software through WiFi, USB 2.0, RS 232 or Internet (TCP/IP Protocol)
- Android mobile platform remote control via WiFi
- Ideal for robotic applications, one-minute installation
- Remote data download and configuration

Factory remote checking, service and calibration:

- Available through any Internet connection (WiFi or cable network connection)
- Capability to remote factory check & fix of all small problems and calibration.
- RS DYNAMICS checking server available 24/7

Power Supply:

- One LiPol Battery pack (two packs optional)
- Battery charger operable from 100 to 250 V AC included
- Car adapter - CLA Charger 12V DC (optional)

Affordable Consumables:

- Detector cartridge (enough for 4000 to 6000 measurements)
- RS DYNAMICS Sampling Strips

Environmental:

- No radioactive source inside the unit
- No toxic materials inside the unit (excl. consumables - batteries, det. cartridges)
- Product fully recyclable at supplier side

Official Certifications

- CAA (EU Civil Aviation Authority) Certification for the use in all airport applications
- CE Compliant

Locally distributed by:



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