

EKS group, specialized in engineering ammunition and security risks and also retailer of dedicated equipment, will unveil during MILIPOL 2019 exhibition, the explosive vapor detector (GC). This revolutionary system is suitable to carry out any type of control in public areas (airports, train stations, museums...), during private events (shows, concerts...) or during investigations carried out by governmental agencies (armed forces, police, prison service...). This new technology is based on gas chromatography fitted for the first time in a hand-held device.

Explosive vapor detector (GC)



Elenkhos Distribution International (EDI), one of the two affiliated branches of EKS group, is the exclusive retailer for France and French-speaking countries and the preferred partner of STI company, creator of the explosive detector using gas chromatography. This revolutionary equipment is able to detect vapors of any kind of explosives, either commercial, military or improvised, without any false alarms on usual substances. A high degree of accuracy, together with real-time analysis and light weight make GC a key asset to perform easy and quick controls. The operating process relies on patent pending namely in the United States.



OPTIMUM ADAPTATION TO SECURITY OPERATIONAL REQUIREMENTS

Explosives vapors are sucked in the system then presented to an extremely sensitive detector using a selective pre concentration gas chromatograph and electron capture technology.

This unique concept provides immediate results without delay between two analyses. A very high level of confidence has been achieved in both laboratory and field trials. The ability to provide immediate results in a daily use, even after positive detection contamination, ensures optimal adaptation to security operational requirements.



GC: NUMEROUS ADVANTAGES FOR HIGH QUALITY CONTROLS

- Vapor detection (« ppt » part per trillion = 10^{-12})
- Results interpretation almost immediately,
- Very high level of accuracy,
- Real-time analysis,
- Light weight,
- Detection of common substances as well as improvised components,
- Simple user interface,
- Audio-visual « Go/No Go » alarm
- Portable or desktop application,
- Low maintenance.

This device has been specifically designed to meet security requirements encountered by governmental offices, airports, border control agencies, prison offices, public and private events organizers and it's also a major asset for police special forces, vital importance operators, specialized armed force services, customs...

LEARN MORE ABOUT EKS GROUP

In its areas of expertise, EKS group, together with its affiliated branches, *Elenkhos* and *Elenkhos Distribution International (EDI)*, offers its customer global and integrated solutions, taking into account all strategic and operational issues raised by security and pyrotechnic risks mitigation. All EKS group collaborators are experts, fully qualified professionals, having served in Defense or Homeland departments before fulfilling management positions in various companies.

CONTACTS

contact@eks-group.fr
+33(0)1 84 21 09 45
www.eks-group.fr