EXPLOSIVE TRACE DETECTORS

peo DETECTION

Table of contents

Vehant Technologies **3**

NanoSniffer™ – Explosives Trace Detector 4

CEIA **4**

EMA series Liquid Explosive Detector 6

Partner Vehant Technologies

Vehant Technologies is a leading provider of advanced physical security and surveillance solutions, specializing in Explosive Trace Detectors (ETDs), Under Vehicle Scanning Systems (UVSS), and X-ray inspection technologies. Their systems are engineered to support critical infrastructure protection, transportation security, and high-risk facility monitoring.

Product offering

NanoSniffer™ – Explosives Trace Detector

NanoSniffer™ – Explosives Trace Detector

NanoSniffer is a Microsensor based highly sensitive and selective explosive detector in a portable desktop configuration. It can be used to accurately detect a wide range of military, commercial and homemade explosives threats.

It is an advanced and low-cost explosive detector device that efficiently exploits the physical nature of the explosives during detection. It can be easily used for screening passengers & visitors at airports, train stations, and at access control points of critical infrastructure. It is a first of its kind explosives trace detection system based on nanotechnology.

Nanosniffer Explosive Trace Detectors (ETDs) can detect bombs, drugs, narcotics, and dangerous explosive chemicals such as Nitroglycerin, Ammonium Nitrate, and RDX quickly. Vehant's ETDs can differentiate between military, standard, and homemade explosives and categorize them based on their characteristics using various sampling methods. This system aims to identify and prevent individuals who have come into contact with harmful or potentially illegal substances from accessing restricted areas.

Partner CEIA

CEIA is a global leader in security screening technologies, specializing in Explosive Trace Detectors (ETDs), Handheld Metal Detectors, and Walk-Through Metal Detectors (WTMDs). Their solutions are engineered to deliver high-performance threat detection across a wide range of security environments.

Product offering

EMA series Liquid Explosive Detector

EMA series Liquid Explosive Detector

The EMA is a compact device designed for the analysis of liquid containers and their contents with the goal of detecting the possible presence of explosive precursors and explosive liquids.

The content of the bottles is analyzed without the need to open the container as the detection is effected using simultaneous multiple sensing technologies.

The housing of the analyser, which is extremely robust, durable and easy to clean, is made of AISI 304 Stainless Steel and anti-friction plastic.

The Analyser consists of a main body, a control panel and an analysis compartment. In case of open containers such as cups and thermos flasks, it is possible to carry out the analysis by means of the type A integrated analyser (optional), using small disposable plastic sample cups to be inserted into an external probe.