



S2ETK Explosive Test Kit

The Explosive Test Kit is a single use disposable, economical test kit for the detection of explosive residues.

In most civilian and commercial situations where a suspect material is found, it is essential to rapidly determine if the situation will lead to an evacuation due to the possibility of explosion.

The Explosive Test Kit simply contains one pre-wetted swab stick and one plastic device which contains three miniature tests.

The three tests corresponds to all classes of explosives including Nitrates, Nitramines, Nitroesters, Nitroaromatics, Chlorates and precursors to Peroxide explosives.

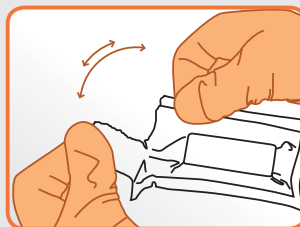
TEST	EXPLOSIVE CHEMICAL	DETECTION LIMIT
A	Chlorate e.g. potassium chlorate	7.5 µg
A	Hydrogen peroxide e.g. TATP / HMTD / MEKP	10 µg
B	Nitrates e.g. potassium nitrate / ammonium nitrate	1 µg
B	Nitrates e.g. urea nitrate	5 µg
B	Nitramines e.g. PETN / RDX	3 µg
B	Nitroesters e.g. nitroglycerine	1 µg
C	Nitroaromatics e.g. TNT	10 ng

The Explosive Test Kit is the most affordable, compact and comprehensive explosive test device in the world.

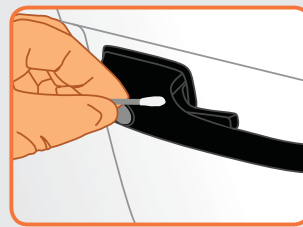
The Explosive Test Kit is also capable of detecting precursors of clandestine explosive manufacture such as materials used in improvised liquid explosive mixtures

Tri-Acetone Tri-Peroxide (TATP), Hexa Methylene Triperoxide Diamine (HMTD) and Methyl Ethyl Ketone Peroxides (MEKP).

STAGE 1 - Open packaging



STAGE 2 - Swab area



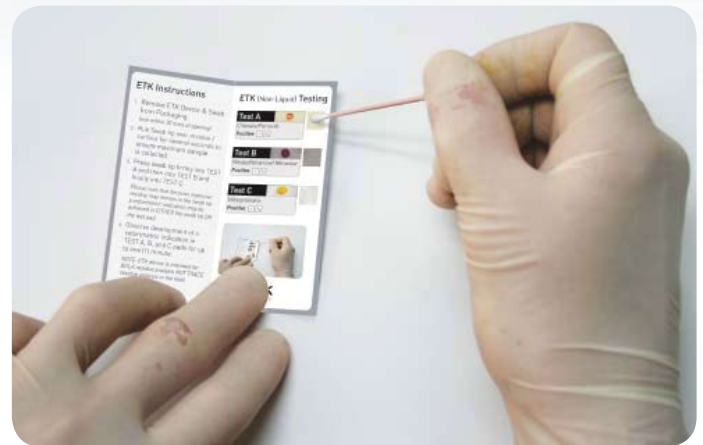
STAGE 3 - Swab kit and wait for positive colour indication.



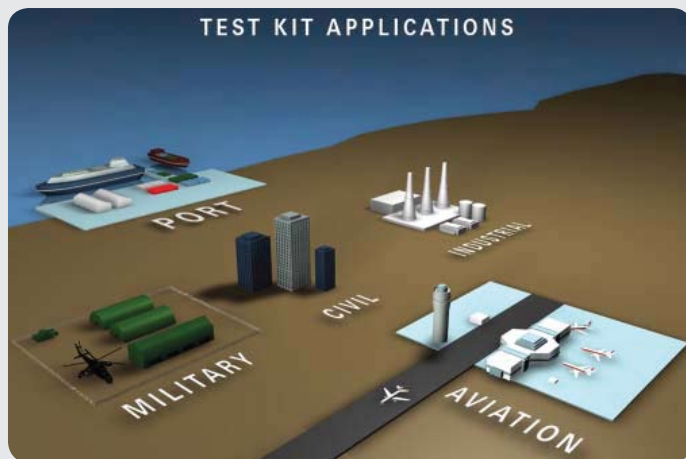
The kit offers a simple means to sample and detect suspect materials and objects:

Solution

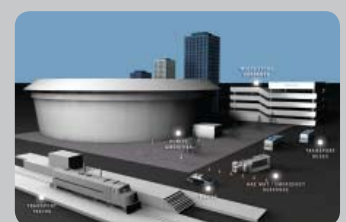
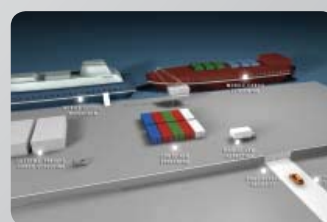
With an ever increasing public awareness of the threats of terrorism on the world today, the perceived need to have a readily available solution for a possible attack is becoming more relevant. In the advent of an attack or substance discovery, the military are less likely to be the first point of contact as more specialist Emergency Service Teams emerge and are formed. The Explosive Detection Kit meets the needs for a cost effective and reliable solution that is available for the mass market.



Industries



- Civil Aviation Industry
- Private and Corporate Security Teams
- Fire Departments
- Military (at home and abroad)
- Police Departments
- Local and State Emergency Management
- HAZMAT (hazardous materials) Teams
- Port Authorities
- Emergency Medical Teams
- Customs and Postal Services



About System Two

System Two is a research and development company specialising in the commercialisation of innovative chemical technology across a broad section of industries. System Two's philosophy is based on simple solutions developed from accessible technology.

Specialising in the research and development of test kits for first line detection against possible Explosive, Chemical and Biological agents; System Two offers a simple and effective solution.



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INNOVATIVE CHEMICAL TECHNOLOGY