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FOR IMMEDIATE RELEASE

Morphix Technologies® Announces its TraceX® Explosive Detection Kit is Compatible with Bomb Squad Robots

The TraceX® collector works with any Explosive Ordnance Disposal (EOD) or bomb squad robot that has an arm and claw, keeping the user a safe distance from the suspect material.



Virginia Beach, Va. (February 2018) – [Morphix Technologies®](http://www.morphitec.com), an innovator in the science of detection devices for dangerous chemicals, announces its TraceX® Explosive Detection Kit [can be paired with any Explosive Ordnance Disposal \(EOD\) and bomb squad robots](#) that have an arm and claw to detect all the major families of explosive materials and their precursors, keeping military, law enforcement and first responders a safe distance from suspect material.

The [TraceX® Explosive Detection Kit](#) is a colorimetric kit (works through color change) and has several advantages over electronic detectors when used with a robot. Electronic detectors require specialized training, a large budget, regular maintenance and are often fragile. Using one with a robot is also difficult and often requires extensive technical collaboration between the robot manufacturer and the explosive detector manufacturer. While there are a number of colorimetric explosive kit tests for use in the field, most of these kits are not compatible for use with a robot.



TraceX Explosive Detection Kit

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For instance, some colorimetric kits are simple chemical droppers, which cannot be easily handled by a robot. Other colorimetric kits have a flexible swab to collect a sample, but most robots are not able to grab and manipulate these swabs. Morphix Technologies' TraceX Explosive Detection Kits have none of these disadvantages and are easy-to-use, colorimetric, light-weight, inexpensive and durable. See a comparison of the different types of field colorimetric explosive detection kits: <https://www.morphitec.com/tracex/comparison/>.

The TraceX Explosive Detection Kit is designed to help identify bombers, bomb-makers and their bomb-making facilities. This inexpensive kit can fit into a pocket and, once deployed, can detect most common explosive materials and their precursors at trace levels in a single test.

To use the TraceX Explosive Detection Kit with a robot, the technician simply needs to follow these steps:

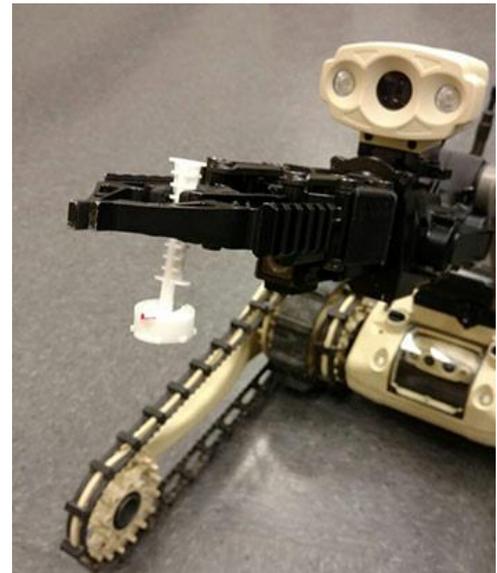
- At a safe distance from the suspect material, the technician simply closes the claw on the TraceX handle.
- The technician then maneuvers the robot toward the suspect material, and moves the arm to collect a sample using the TraceX collector.
- The robot is then returned to the technician, who removes the collector and operates the kit.

The TraceX Explosive Detection Kit uses a simple color-change alert system. A single color indicates the presence of a particular family of explosive material. It was developed by Morphix Technologies under contract from the U.S. Department of Defense and meets their demanding requirements. It is small enough to fit in a cargo pocket, lightweight and rugged. Each kit comes in its own disposable protective plastic case, so the handler will be ready to use it when needed, and can support a two-year (24 months) shelf life when stored at room temperature. The innovative collection system protects the sample from user contamination, providing confidence in the results. While it is sensitive enough to be used for trace explosives, it may also be used for bulk detection.

The TraceX Explosive Detection Kit is available in boxes of five kits (request part number 510100). If you'd like to receive more information regarding the TraceX Explosive Detection Kit, please contact Morphix Technologies toll free at 800-808-2234 or locally at 757-431-2260. You can also email sales@morphitec.com.

Visit the website at www.morphitec.com to learn more or join the ongoing conversation on [Facebook](https://www.facebook.com/morphitec).

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About Morphix Technologies®:

Morphix Technologies®, located in Virginia Beach, Virginia, is an ISO 9001:2008 certified company creating and manufacturing products that detect invisible dangers in order to save lives. Morphix Technologies® has taken innovation to the next level with high-quality, easy-to-use, cost effective and simple colorimetric sensor technology for military, law enforcement, first responders, emergency, homeland security and industrial personnel. <http://www.morphitec.com/>