

## EOD303 LS1516BA306 LIQUID AEROSOL AND GEL DETECTOR

The **LS1516BA** - the world leading Liquid, Aerosol and Gel screening system with hundreds of installations world wide. Using the latest advanced pseudo dual-energy Computed Tomography (CT) technology, the **LS1516BA** meets the ECAC Standard 2 for Liquid Explosive Detection Systems (LEDS) and has been shown to return a class-leading False Alarm Rate across all types of containers and packaging. The **LS1516BA** is simple to install, easy to use and fast – offering a cycle time down to <8 seconds.

Unlike optical (Raman) or dielectric measurement systems, the **LS151BA** uses x-ray technology and not only can it be used on all types of container, including opaque and metallic, there is no need to remove the container from its outer packaging – a feature that avoids the need to break open presentation cases as well as saving time and reducing risk.

In addition to the pre-programmed ECAC Threat List the **LS1516BA** can be configured to alarm on additional items of interest and has the unique capability of giving the operator an on-screen image of the contents of the container. This enables the operator to identify items that are not LAGS within the containers.

In addition, the LS1516BA automatically detects and analyses all liquid layers within a container that might have been sectioned internally in an attempt to conceal threat LAGS within or under a benign liquid.



**Highest performance ECAC Type B LAGs screener chosen by major European countries**

**The LS1516BA is endorsed as a Type B scanner, it can analyse multiple containers in a single cycle**

## Key Benefits

- › World-leading Type B performance; ECAC endorsed
- › Easy to use – intuitive control
- › Displays X-ray image of contents of container
- › Fast and accurate
- › Proven – installed in airports

## Technical Specification

- › Dimensions - 85 cm x 55 cm x 132 cm
- › Object Dimension - up to 160 mm (diameter) x 500 mm (height)
- › Container types - All types can be analysed (including metal and opaque)
- › Remote control - LS1516BA can be networked
- › Max X-ray leakage - <1µSv/hr
- › Alarm items - ECAC LAGs Threat List + user-configurable additions explosive, flammable and corrosive options