

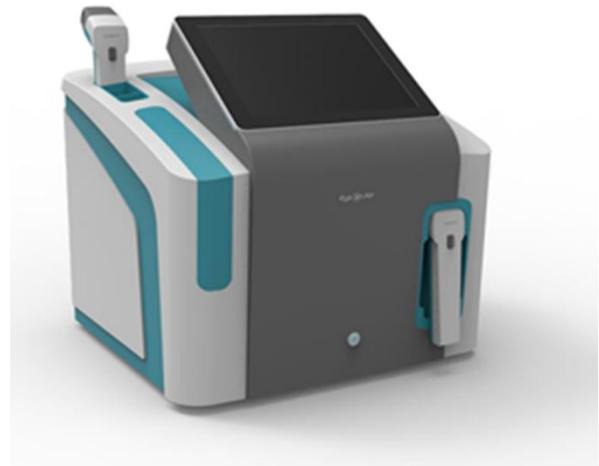
Technical information

Eyon1

Fast, reliable screening for explosives

Product Highlights

1. Straight forward and simple to use (no rubber gloves required)
2. Minimal costs of ownership (low-cost & reusable aluminium swabs, one new sieve every six months)
3. Rapid analysis
4. Rapid warm-up (< 20 minutes)
5. Continuous background calibration does not disturb operation
6. Non-radioactive ionization source
7. Rapid clear-down time (2 seconds)



Eye on Air technology

Eye on Air products for explosives particle detection are based upon Eye on Air's very sensitive and specific IMS sensor. IMS stands for ion mobility spectrometry. Characteristic for Eye on Air products are speed of analysis and industry low costs to operate the product.

Easy-to-use

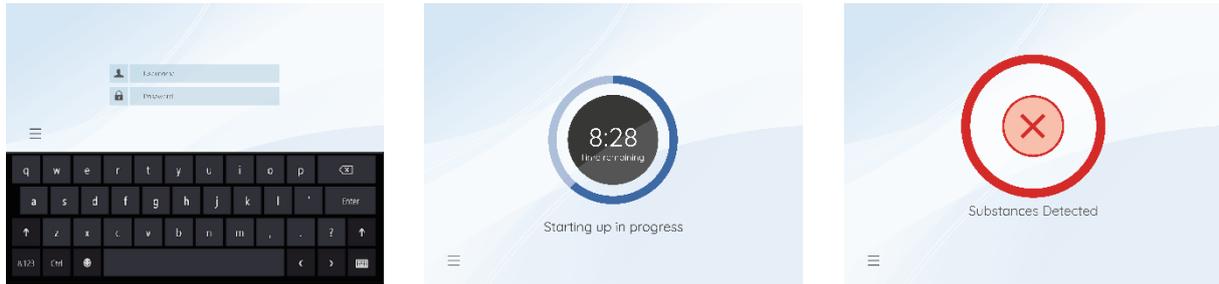
Numerous passengers aren't used to the routine of an airports security filter. Ignorance and uncertainty with the passenger can make any security process prone to errors. Any step in a security process needs to be self-evident. Both for the passenger and the security official operating a specific security procedure and/or product. Eye on Air products are designed to that purpose. Feedback to both passenger and security official is straightforward.

Low total cost of ownership

Eye on Air technologies are designed with a keen eye on costs of ownership. The Eyon1 requires no gloves, no dopants and no time consuming calibration procedures, which lowers the costs of ownership and, at the same time, increases operational availability. The Eyon1 requires a new sieve every 6 months. The Eyon1 operates a non-radioactive ionization source.



Straightforward user interface



Specifications

Detector type: Ion Mobility Spectrometer (IMS) with non-radioactive ionization ion source (corona wire) and automated calibration system

Capacity: 120 passengers per hour when no alarm occurs, and depending on security. Automatic clear-down requires no user intervention. Typical clear-down time in case of alarm is less than 10 seconds.

Clear-down time: < 2 seconds

Warm-up Time: < 20 minutes

Calibration: Continuous background calibration

Alarm Method: Configurable visual and audible alarms. Substance identification by name

Consumable Materials: Low-cost molecular sieve. Additional preventative maintenance supplies as required

Expandability and Connectivity: USB 2.0 port for optional keyboard, printer, or mouse. Optional: RJ-45 Ethernet network port supports control station monitoring, remote control, and remote diagnostics.

Substances Detected: ECAC-listed explosives

Power: 100-240 VAC, 47-63 Hz

Operating environment: -10° C to 50° C, less than 95% humidity, non-condensing

Dimensions: 45.0 x 30.0 x 30.0 cm (w x d x h)

Weight: 25 kg

Data Display: High-resolution colour touch-screen.

Dael Security

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