

Accurate, Reliable and Versatile Explosives Detection System (EDS)

The Yxlon 3000 explosives detection system uses a unique energy dispersive coherent X-ray scatter (CXRS) technique, which identifies materials based on their molecular composition. CXRS offers material specificity that is superior to all other EDS techniques, resulting in unsurpassed levels of detection.

System installations at international airports in Europe have demonstrated single-digit false alarm rates and high availability. The Yxlon 3000 system may be used as part of a multistage integrated screening process or in standalone applications. It will significantly improve the performance of existing or new BHS screening installations.

Benefits

- Unsurpassed detection
- Detects military, commercial and homemade explosives
- High detection rates, even for reduce threat quantities
- Low false alarm rates
- Easily updated for new threats
- Integrated configuration for in-line screening, or standalone configuration for high risk applications

High Confidence Explosives Detection Systems for Checked Baggage



Worldwide Locations

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Overall System (Maximum Dimensions)

Length ¹	234.6 in.	5960 mm
Width	151.6 in.	3850 mm
Height	106.3 in.	2700 mm
Conveyor Height (adjustable)	36.2 to 39.4 in.	920 to 1002 mm
Tunnel Width	39.7 in.	1001 mm
Inspection Height	20.5 in.	520 mm
Weight (approx.)	15,180 lbs.	6900 kg
Average Throughput	60 bph	

Environment (Operating)

Cooling System	Chilled water
Main Supply	3 x 240/400 VAC ± 10% (3-phase, neutral and ground); 50/60 Hz, 63 A
Operation Temperature	41 to 104°F (5 to 40°C)
Humidity	20% to 90% (noncondensing)

Luggage (Maximum Dimensions)

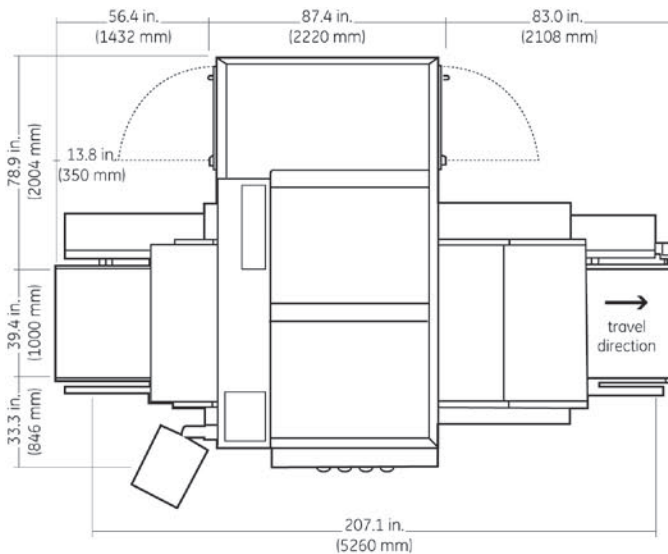
Length ²	47.2 in.	1200 mm
Width	39.4 in.	1000 mm
Height	20.5 in.	520 mm
Weight	132 lbs.	60 kg

Standards and Norms

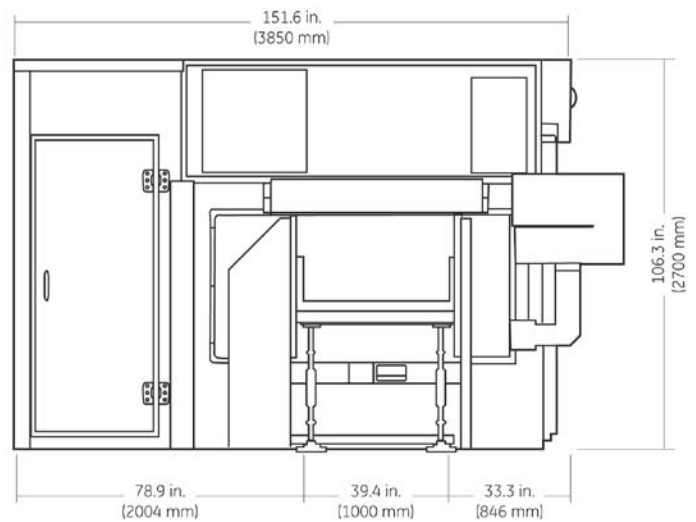
- Conform to all pertinent CE directives, standards and regulations
- 21 CFR 1020.40
- The quality assurance system of YXLON International Security GmbH is ISO 9001 certified

¹ Total length including infeed and exit conveyor.

² The Yxlon 3000 system is designed in 3 models varying in system length from 226.8 in. (5760 mm) to 250.4 in. (6360 mm), the latter enables full scanning of maximum size bags. The scanner can also accommodate trays up to a maximum length of 55.1 in. (1400 mm).



Top View



Side Elevation