

CT BAGGAGE SCANNER

AUTHORIZED DEALER



x1000


in partnership with **SureScan**


High-performance CT hold-baggage EDS with a lower total cost of ownership.

TSA 7.2
ECAC Standard 3.1


Technical Characteristics

<p>Machine designation/model</p> <p>CT geometry</p> <p>Detector Type</p> <p>Tunnel dimensions (W x H)</p> <p>Maximum object size (W x H x L)</p> <p>Dimensions & weight (W x H x L)</p> <p>Conveyor height</p> <p>Belt speed</p> <p>Throughput</p> <p>Operating environment</p> <p>Power supply requirements</p> <p>Power consumption</p> <p>X-ray leakage</p> <p>X-ray voltage</p> <p>Calibration intervals & cycle times</p> <p>Safeguarding against future regulatory requirements</p> <p>Ability to upgrade or enhance technological capability</p>	<p>x1000</p> <p>Fixed sources; no rotating gantry; minimal moving parts (conveyor belt and fans only).</p> <p>Multi-energy, photon counting detectors; density and effective atomic number used for discrimination in 3D reconstruction.</p> <p>1000 mm x 800 mm</p> <p>1000 mm x 800 mm x 2500 mm; full rectangular tunnel the length of the scanner (no neck down).</p> <p>221 mm x 227 mm x 4843 mm; 5942 kg (eight customizable up to 265 mm based on pedestal size).</p> <p>457 mm (customizable up to 900 mm based on pedestal size).</p> <p>ECAC certified at .5 m/s and .35 m/s</p> <p>Up to 1800 b/h at .5 m/s</p> <p>Scanner: 0°C up to 40°C; 0% to 95%, non-condensing; air cooled, no air conditioning required.</p> <p>Server Rack: 0°C to 40°C; 0% to 95% RH, non-condensing.</p> <p>Scanner: 400/480/575 VAC +/-5%, 3-phase, 50/60 Hz, 15 amps (typical loads) at 480 VAC.</p> <p>Server Rack: 208 VAC, 50/60 Hz; 3 drops (one 15 amps, two 10 amps - typical loads).</p> <p>Scanner: 7.8 kW typically 50% less power than rotating gantry.</p> <p>21 CFR part 1020.40 Cabinet X-ray Systems and Council Directive 2013/59/ Euratom validation to country specific limits performed in-house and on site.</p> <p>160 kV</p> <p>Self-calibrating between bags, no impact to machine availability.</p> <p>Use of advanced technology and a modular design allows for hardware and/or software updates in the field.</p> <p>Software upgrades can be made at the customer's request and schedule, future algorithms are upgradeable in the field, new explosives classes like HMEs can be added, software configurable throughput (belt speed), modular design of hardware and software simplifies upgrades.</p>
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Imaging The Future



OVERVIEW

The x1000 is SureScan's most technically advanced CT hold-baggage EDS – ECAC 3.1 and TSA 7.2 certified. Its large tunnel reduces costly bag jams, it supports standalone or multiplex configurations, and low power consumption keeps ownership costs down.

KEY BENEFITS

- › ECAC 3.1 and TSA 7.2 certified
- › Large tunnel prevents costly bag jams
- › Standalone or multiplex configurations
- › Energy efficient – low carbon footprint
- › High resolution, high-speed CT imaging

Who it's for: Airport hold baggage screening

KEY FEATURES

- CT Explosive Detection System (EDS) technology
- Open-architecture integration
- Designed with airport partner input
- Remote diagnostics



TECHNICAL SPECIFICATIONS

Full datasheet

SPECIFICATION	DETAIL
Certifications	ECAC 3.1 EDS, TSA 7.2
Configurations	Standalone or multiplex

Note: Detailed dimensions, weight, throughput, power – not published in this one-page brochure; request full datasheet for procurement. For the full supplemental datasheet, contact Allen + Co.



APPLICATIONS

Where it deploys

The x1000 is deployed across the Caribbean in the following environments:

- ▶ Airport Hold-Baggage Screening

LIFECYCLE SUPPORT

Commissioning, 24/7 maintenance, OEM-certified technicians, approved spare parts, upgrades and life-extension programs — all handled by Allen + Co. across the Caribbean. Training is delivered in partnership with FESTI at Toronto Pearson for ARFF and NFPA-aligned certifications.

Allen + Co
Caribbean Inc.

LET'S TALK

Ready to modernise your operation?

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