

Rapiscan ORION 920CT

Checkpoint Baggage x-Ray System



baggage & parcel

*inspection
technology*



With the highest resolution image, it allows the highest degree of on screen inspection and resolution (OSIR) reducing the need to open bags manually for explosives and other contraband.

920 CT utilizes cutting-edge Dual-Energy technology and sophisticated algorithms to provide the highest level of automatic detection of explosives and the detection of densely shielded areas meeting stringent global standards.

The system architecture is based on proven medical Computed Tomography (CT) technology that resolves today's and tomorrow's challenges facing regulators and airports.

The technology behind 920 CT, allows large electronics and liquids to remain in the bag as a result of the highest level of threat detection capability.

920 CT can easily integrate with Rapiscan® Systems security checkpoint Tray Return System (TRS™). The harmonious combination of 920 CT and TRS™ creates a seamless experience for airports by strengthening security, increasing passenger throughput and increasing staff efficiency. In conjunction with an optimal layout it provides the best passenger experience, therefore keeping the checkpoint flowing quickly and efficiently. It is a proven design for maximum passenger throughput with the lowest number of rejected passenger bags.

- Industry Leading Full 3D Image Resolution
- Bearing Free & Inductive Coupling CT Technology
- Future Proof Technology
- Full Integration
- ECAC Approved

ORION 920CT

FEATURES AND BENEFITS

INDUSTRY LEADING FULL 3D IMAGE RESOLUTION

920 CT's intuitive GUI design provides the highest On Screen Inspection and Resolution (OSIR) for image analysis of both automated alarms as well as other prohibited items

FULL INTEGRATION

Integrates with leading automated tray return and baggage handling systems including Rapiscan® System TRS™

DENSITY THREAT ALARM

Alerts operators upon detection of highly dense objects to identify items that otherwise may be missed by an operator

INDUSTRY'S FIRST TOUCHSCREEN WORKSTATION

Proven intuitive interface for ease of use giving speed, accuracy and improved security

PATENTED DUAL - ENERGY TECHNOLOGY

Provides unsurpassed automatic detection of explosives

COMPACT FOOT PRINT, AESTHETIC DESIGN

Creates a passenger-pleasing airport environment

3D THREAT IMAGE PROJECTION (TIP)

Based on the latest regulatory requirements

PHYSICAL SPECIFICATIONS

Dimensions	L: 2,690 mm (105.9 in.) W: 1,440 mm (59.7 in.) H: 1,750 mm (68.9 in.)
Tunnel Size:	W: 620 mm (24.4 in.) H: 420 mm (16.5 in.)
Conveyor Speed:	0.15 m/sec (39.4 ft./min)
Conveyor Load:	136 Kg (299.8 lbs)
Conveyor Height:	836 mm (32.9 in.)
Approx. Weight:	1,990 Kg (4,387 lbs)
System Power:	208/230VAC, 30 Amps
Power Consumption:	3000 Watts
x-Ray Generator	Anode Voltage: 160kV Tube Current: 5 mA
Environment:	Storage Temperature: -7°C to 49°C Operating Temperature: 0°C to 40°C Relative Humidity: 10 to 90% non-condensing Sound pressure: <70dBA

