

# 920 CT

**Rapiscan**<sup>®</sup>  
systems  
An OSI Systems Company



EU  
**ECAC C2**  
APPROVED

EU  
**ECAC C3**  
UNDER DEVELOPMENT

INDUSTRY LEADING FULL 3D IMAGE  
RESOLUTION

BEARING FREE & INDUCTIVE COUPLING CT  
TECHNOLOGY

FUTURE PROOF TECHNOLOGY

FULL INTEGRATION

ECAC APPROVED

920 CT IS RAPISCAN<sup>®</sup> SYSTEMS CHECKPOINT SYSTEM FOR AVIATION BAGGAGE SCREENING

WITH THE HIGHEST RESOLUTION IMAGE IT ALLOWS 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<sup>®</sup> Systems security checkpoint Tray Return System (TRS<sup>™</sup>). The harmonious combination of 920 CT and TRS<sup>™</sup> 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.

## FEATURES & 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

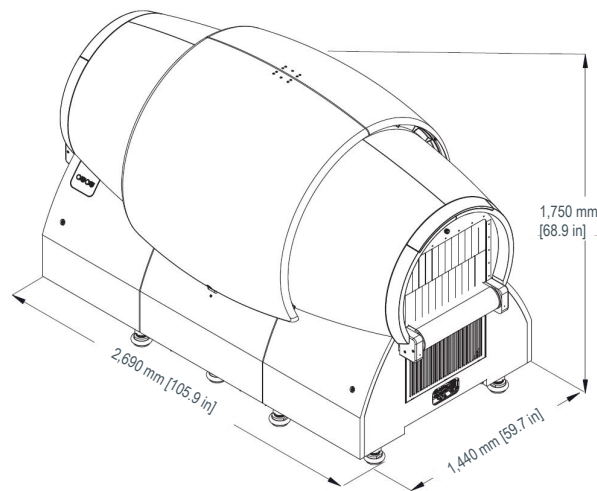
Dimensions:	L: 2,690 mm (105.9 in.) W: 1,440 mm (59.7 in.) H: 1,750 mm (68.9 in.)
Tunnel Size:	W: 620 mm (24.4 in.) H: 420 mm (16.5 in.)
Conveyor Speed:	0.15 m/sec (39.4 ft./min)
Conveyor Load:	136 Kg (299.8 lbs)
Conveyor Height:	836 mm (32.9 in.)
Approx. Weight:	1,990 Kg (4,387 lbs)
System Power:	208/230VAC, 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



Rapiscan® Systems is ISO9001:2015 Certified

[www.rapiscansystems.com](http://www.rapiscansystems.com) / [sales@rapiscansystems.com](mailto:sales@rapiscansystems.com)

Rapiscan® Systems' cabinet X-ray products comply with all applicable U.S. FDA and equivalent international regulatory agency requirements, contained in the cabinet X-ray radiation safety peace standard [21 CFR 1020.40] and the general performance standard [21 CFR Part 1010] as well as IEC standard 61010-2-091.

Rapiscan® baggage and parcel inspection systems radiation emission leakages are well below the required regulatory limits with less than 1 µSv/hr at 10 cm from all surfaces of cabinet X-ray.

With continual development of our products Rapiscan® Systems reserves the right to amend specifications without notice. Product pictures are for general reference. Please note that due to US laws and regulations, not all Rapiscan® products are available for sale in all countries without restriction. Please contact your Rapiscan® Systems sales representative for more information. Please contact your Rapiscan Systems sales representative for more information.