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.

920 CT is Rapiscan® 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.

Industry leading full 3D image resolution

Bearing free & inductive coupling CT technology

Future proof technology

Full integration

ECAC approved
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

www.rapiscansystems.com   /  sales@rapiscansystems.com

Rapiscan® Systems is ISO9001:2015 Certified


Rapiscan® baggage and parcel inspection systems radiation emission leakages are well below the required regulatory limits with less than 1μSv/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.