Rapiscan 620XR

With a 620 mm (24.4 inches) wide by 420 mm (16.5 inches) high tunnel opening, the Rapiscan 620XR provides outstanding threat detection and a low total cost of ownership. The 620XR’s innovative design allows for bi-directional operation, while ergonomic options such as its adjustable control panel stand make it easy to operate.

Like all systems in the 600 series family of X-ray scanning solutions, the Rapiscan 620XR is built on a standardized platform that makes it easy to install and maintain, and comes with features such as dual-energy detection, a streamlined, ergonomic design, and Rapiscan’s feature-rich OS600 system software.

CUSTOMER SUPPORT SERVICES
Our team is dedicated to providing a prompt, effective and personalized response that exceeds your expectations. With spare parts inventory and skilled technicians all over the world, you can be certain Rapiscan Systems will always be prepared with a solution to address your requirements. By measuring response time, parts delivery and support status, our team embraces a customer focused philosophy to ensure continual improvement in customer support, products and services.

Feature & Option Highlights

**OS600 System Software:** Rapiscan’s OS600 software provides an intuitive Graphical User Interface with improved image quality as well as advanced networking capabilities.

**Threat Image Projection (TIP):** TIP inserts digital threat images at configurable frequencies into the regular flow of bags. TIP is the preferred operator performance measurement and training method used by regulatory agencies worldwide.

**Threat Image Projection Network (TIPNET):** TIPNET is a secure, high speed network that links all TIP enabled systems to a central station.

**Target:** Target™ is Rapiscan’s innovative automatic threat and contraband detection technology. Target’s software algorithms search X-ray images for targeted materials by analyzing the mass, size and atomic number of items in the image.

**Operator Training Program (OTP):** OTP is an easy-to-use software application that helps users learn key system features and functionality.

**Density Threshold Alert (DTA):** DTA generates a visible alarm when an imaged object exceeds a user-specified density threshold.
BAGGAGE AND PARCEL INSPECTION

PHYSICAL SPECIFICATIONS

Dimensions: Length: 2,082 mm (82.0 in.)
Height: 1,380 mm (54.3 in.) excluding monitor
Width: 840 mm (33.1 in.)
Tunnel Size: 620 mm (W) x 420 mm (H) (24.4 x 16.5 in.)
Conveyor Speed: 0.20 m/s (39.4 ft./min)
Conveyor Max Load: 165 Kg (364 lbs)
Conveyor Height: 800 mm (31.5 in.)
Approx Weight: Net: 512 Kg (1,128 lbs)
System Power: 115/230 VAC +/- 10% / 60/50Hz

X-RAY GENERATOR AND IMAGE PERFORMANCE

Steel Penetration: 28mm guaranteed; 30mm typical
Wire Resolution: 38 AWG guaranteed; 40 AWG typical
Material Separation: Low Z, Medium Z, High Z to 0.5 Z accuracy
Generator Cooling: Sealed oil bath with forced air
Anode Voltage: Operating at 140kV
Tube Current: 0.7 mA
Orientation: Vertically Upward

HIGH PENETRATION X-RAY GENERATOR OPTION

Steel Penetration: 35mm guaranteed; 40mm typical
Wire Resolution: 38 AWG guaranteed; 40 AWG typical
Anode Voltage: Operating at 160kV
Tube Current: 1.0 mA

OPERATING ENVIRONMENT

Storage Temperature: -20ºC to 50ºC
Operating Temperature: 0ºC to 40ºC
Relative Humidity: 5 to 95% non-condensing

HEALTH & SAFETY

All Rapiscan Systems products comply with applicable international health and safety regulations including USA FDA X-Ray systems (Federal Standard 21 CFR 1020.40) and Health and Safety at Work Act 1974-section 6, Amended by the Consumer Protection Act 1987. Maximum leakage radiation less than 0.1mR/hr (1µ Sv/hr) in contact with outer panels.

Film Safety: For ISO 1600/33 DIN
CE Compliance: Yes
FCC & IEC Compliance: Yes
UL Compliant: Yes

SAFETY Act Certified

ISO 9001:2000 Certified

With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice.

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