

Rapiscan 627XR

Rapiscan
systems

An OSI Systems Company

BAGGAGE AND PARCEL INSPECTION

Standalone or Modular Integration

Dependable Platform

Seamless Network Integration

Small Cargo / Large Parcel Screening



The dual energy **Rapiscan 627XR** is designed for customers requiring inspections of checked baggage and small cargo. Dual energy imaging provides automatic color coding of materials with different atomic numbers so that screeners can easily identify objects within the parcel. The **Rapiscan 627XR** can be used as a standalone device or integrated into an existing baggage conveyor system.

The **Rapiscan 627XR** has a large tunnel opening of 1,000mm (39.4 inches) wide by 1,000mm (39.4 inches) high.

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.

FEATURES & OPTIONS

New OS600 Software: OS600 provides a new, intuitive Graphical User Interface with improved image quality. OS600 also offers advanced networking capabilities.

Threat Image Projection (TIP): TIP inserts digital threat images at configurable frequencies into the regular flow of bags. TIP is a reliable method for continually improving the skill level of screeners and is the preferred training method used by regulatory agencies worldwide.

High Penetration X-ray Generator: This option provides 35mm steel penetration using a 180KV generator.



ONE COMPANY - TOTAL SECURITY

BAGGAGE AND PARCEL INSPECTION

PHYSICAL SPECIFICATIONS

Dimensions: Length: 3,936 mm (155 in.)
Height: 1,996 mm (78.6 in.)*
Width: 1,388 mm (54.6 in.)

Tunnel Size: 1,000 mm (W) x 1,000 mm (H) (39.4 x 39.4 in.)

Conveyor Speed: 0.20 m/sec (40 ft/min)
depending on customers requirements

Conveyor Max Load: 165 Kg (365 lbs) evenly distributed

Conveyor Height: 808 mm (31.8 in.)

Approx Weight: Net: 1,450 Kg (3,197 lbs)
Gross: 2,050 Kg (4,519 lbs)

System Power: 115 VAC +/- 10% / 50 or 60Hz / 10 Amps max
or 230 VAC +/- 10% / 50 or 60Hz / 5 Amps max

Unit is mounted on heavy casters for ease of movement

*Nominal height +1 inch adjustments

X-RAY GENERATOR AND IMAGE PERFORMANCE

Wire Resolution: 38 AWG guaranteed, 40 AWG typical

Steel Penetration: 27 mm guaranteed, 29 mm typical

Material Separation: Low Z, Medium Z, High Z to 0.5 Z accuracy

Cooling: Sealed oil bath with forced air

Anode Voltage: 160KV rated, operating at 140KV

Tube Current: 0.7 mA typical

Orientation: Vertically Upward

HIGH PENETRATION OPTION (HP)

Steel Penetration: 35 mm guaranteed

Wire Resolution: 38 AWG guaranteed, 40 AWG typical

Anode Voltage: 180KV rated, operating at 160KV

Tube Current: 1mA typical

COMPUTER SPECIFICATIONS

Processor Speed: Intel Pentium® Processor currently available

Monitor: 17" CRT color, non-flicker

Memory: 1 GB RAM minimum

Video Memory: 256 MB minimum

Hard Disk Drive: 160 GB minimum

DVD-ROM Drive: 16X

Access to keyboard port and parallel port is provided by means of a lockable access panel on the outside of the machine.

OPERATING ENVIRONMENT

Storage Temperature: -20°C to 50°C

Operating Temperature: 0°C to 40°C

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 21CFR 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.

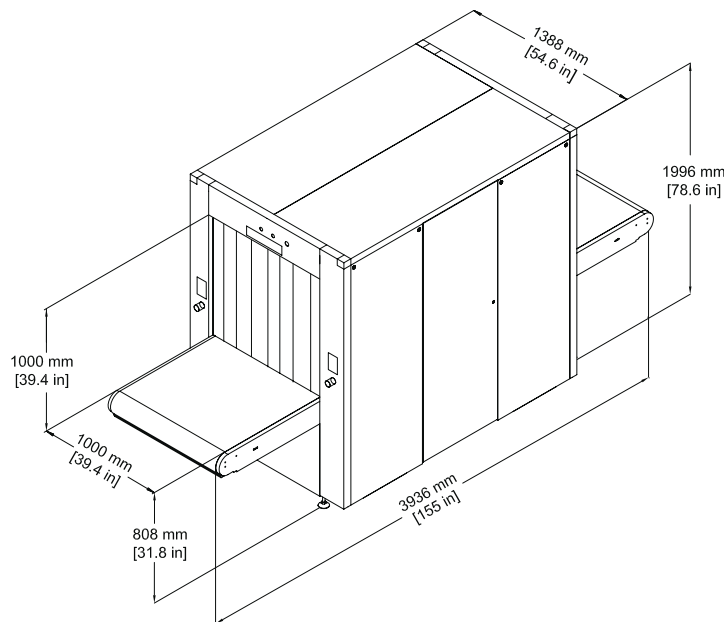
Film Safety: For ISO 1600/33 DIN, guaranteed up to 10 times exposure to radiation.

CE Compliance: Yes

FCC & IEC Compliance: Yes

ISO 9001:2000 Certified

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



STANDARD FEATURES	OPTIONS
Crystal Clear™	Threat Image Projection (TIP)
Multi Energy Imaging (4 color)	Density Threshold Alert (DTA)
Variable Edge Enhancement	Manual Scan
High Penetration	High Penetration X-ray Generator
Variable Gamma	Flat Panel LCD Monitor
Inverse Video	Automatic Image Archiving
Variable Density Zoom	Power Conditioner
Organic/Inorganic Stripping	Foot-mat
Black and White Viewing	Conveyor Accessories
Variable Color Stripping	
Zoom (to 64x)	
View Previous Bag	
Configurable Image Processing Keys	
Manual Image Archiving	
UPS (Uninterrupted Power Supply)	
Baggage Counter	
Search Indicator	
Date/Time Display	
Remote Workstation	

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