Rapiscan 627DV

Rapiscan®
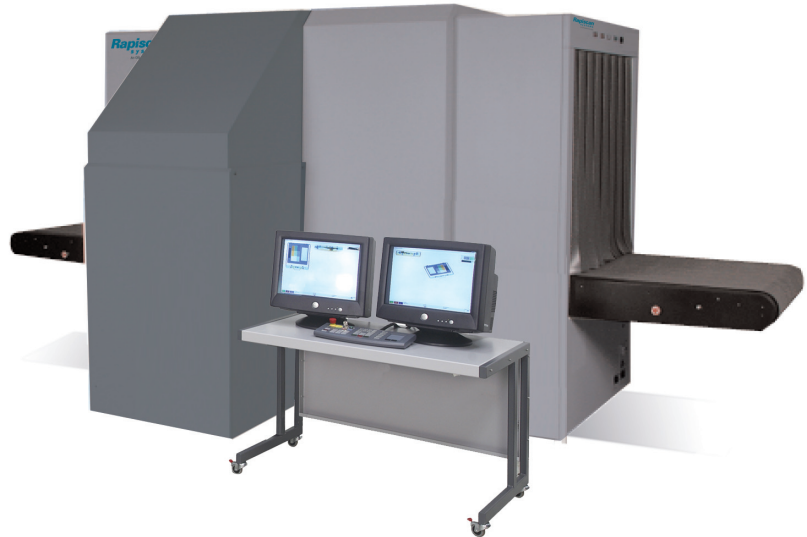**s y s t e m s**
An OSI Systems Company

BAGGAGE AND PARCEL INSPECTION

Large Parcel and Small Cargo Screening

Dual View

Network Enabled

Complex Parcels

With a 1,000 mm (39.4 inches) wide by 1,000 mm (39.4 inches) high tunnel opening, the **Rapiscan 627DV** is designed for customers that need to inspect small cargo as well as baggage and large parcels.

Rapiscan 627DV (Dual View) provides a horizontal and vertical view of the object under inspection to improve throughput and object discrimination. These two perpendicular views provide a complete perspective of complex parcels regardless of their orientation in the X-ray system. Dual view technology eliminates the need for screeners to reposition and re-scan parcels in high security environments.

Like all systems in the 600 series family of X-ray scanning solutions, the Rapiscan 627DV 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.

ONE COMPANY - TOTAL SECURITY

BAGGAGE AND PARCEL INSPECTION

PHYSICAL SPECIFICATIONS
Dimensions: Length: 4,550 mm (179.1 in.)
                       Height: 1,955 mm (80 in.)*
                       Width: 2,002 mm (78.8 in.)
Tunnel Size: 1,000 mm (W) x 1,000 mm (H) (39.4 x 39.4 in.)
Conveyor Speed: 0.20 m/sec (39.4 ft./min)
Conveyor Max Load: 165 Kg (364 lbs) evenly distributed
Conveyor Height: 808 mm (31.8 in.)
Approx Weight: Net: 1,550 Kg (3,417 lbs)
                       Gross: 2,050 Kg (4,519 lbs)
System Power: 115 VAC +/- 10% / 50 or 60Hz / 10 Amps or
                       230 VAC +/- 10% / 50 or 60Hz / 5 Amps

X-RAY GENERATOR AND IMAGE PERFORMANCE
Steel Penetration: 27 mm guaranteed, 29 mm 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: Vertical and Horizontal

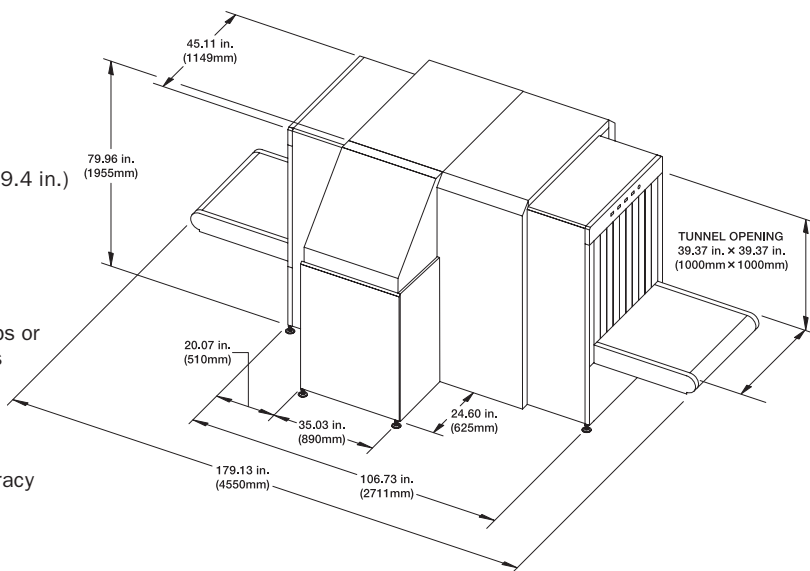### HIGH PENETRATION X-RAY GENERATOR OPTION
Steel Penetration: 35 mm guaranteed
Wire Resolution: 38 AWG guaranteed, 40 AWG typical
Anode Voltage: Operating at 160kV
Tube Current: 1.0 mA

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
CE Compliance: Yes
FCC & IEC Compliance: Yes
UL Compliant: Yes

SAFETY Act Certified

ISO 9001:2000 Certified

STANDARD FEATURES	OPTIONS AND ACCESSORIES
Multi Energy Imaging (4 Color)	Threat Image Protection (TIP)
Crystal Clear	Target
Black and White Viewing	Interactive Target
Organic / Inorganic Stripping	Density Threshold Alert (DTA)
Inverse Video	Operator Training Program (OTP)
High Penetration	Manual Scan
Variable Edge Enhancement	Automatic Image Archiving
Variable Color Stripping	Threat Image Protection Network (TIPNET)
Variable Gamma	Network Display Station (NDS)
Variable Density Zoom	Smart Card Login
Zoom (to 64x)	High Penetration X-Ray Generator
View Previous Bag	Power Conditioner
Manual Image Archive	Foot-mat
Configurable Image Processing Keys	Conveyor Accessories
Baggage Counter	Flat Panel LCD Monitor
Date / Time Display	
Search Indicator	
UPS (Uninterrupted Power Supply)	
Remote Workstation	
CRT Color Monitor, Non-flicker	

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

distributor stamp

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