

RAPISCAN 632XR



A generous tunnel size and heavy duty roller bed can screen secured pallets and cargo without unwrapping.

Low Power Consumption

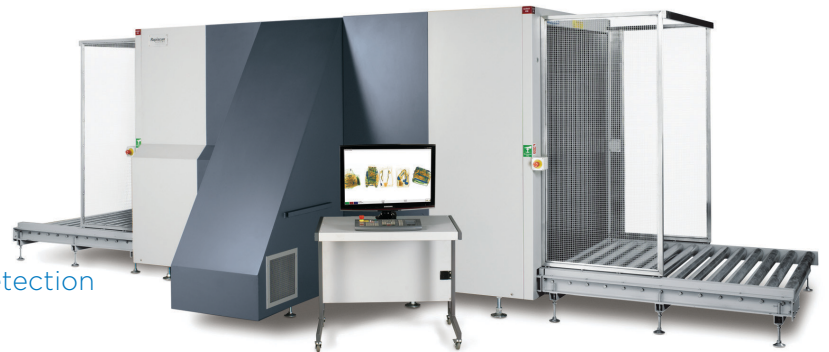
Heavy Duty Roller Bed

150kV or 200kV Generator

13 Image Processing Tools

Automatic Explosives and Narcotics Detection

Cost Effective



With a generous tunnel opening, a heavy-duty roller bed, and two X-ray generator options, the Rapiscan 632XR is designed to inspect pallets and other large cargo weighing up to 3,000 Kgs (6,614 pounds) without compromising throughput. ISO Standard 6780 and lower deck pallet types can be screened either wrapped or as break bulk for maximum operational flexibility. With high resolution imaging, abundant image processing tools and multiple automatic detection features operators can detect potential threats, counter trade fraud and identify contraband.

Tunnel Opening (width x height):
1,537 x 1,650 mm (60.5 x 65.0 in)

Standard Features

- Multi Energy Imaging (4 Color)
- View Previous/Next Bag
- Manual Image Archive
- Configurable Image Processing Keys
- Baggage Counter
- Date / Time Display
- Search Indicator
- UPS (Uninterrupted Power Supply)
- Remote Workstation
- Flat Panel Monitor

Standard Image Processing Functions

- Crystal Clear™
- Black and White
- Organic / Inorganic Stripping
- Inverse Video
- High Penetration
- Pseudo Color
- Low Penetration
- Variable Edge Enhancement
- Variable Color Stripping
- Variable Gamma
- Variable Density
- Dynamic Continuous Zoom & Panning
- Fixed Zoom (64x)

Automatic Detection of Explosives

Target™ automatically detects a wide range of explosives in real time during the scanning process by visibly highlighting a potential threat on the X-ray image..

Automatic Detection of Narcotics

NARCScan™ automatically detects a wide range of narcotics in real time during the scanning process by visibly highlighting a potential threat on the X-ray image.

Meeting Today's Most Stringent Global Requirements

Rapiscan 632XR meets the most rigorous detection and image quality requirements as set by the U.S. Transportation Security Administration (TSA), U.K. Department of Transport (DfT), and French civil aviation authority (STAC).

Greatest Number of Operator-Assist Tools Enables Highest Throughput

With over 13 image processing tools and multiple automatic detection functions, the feature rich software helps the operator easily and accurately detect contraband for the highest throughput and least operator fatigue.

Regulatory Compliance

Rapiscan 632XR image quality performance is in compliance with regulation (EC) No. 300/2008. In addition, Rapiscan 632XR Threat Image Projection (TIP) is in compliance with regulation (EU) No. 185/2010,



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RAPISCAN 632XR

Physical Specifications

Tunnel Size (W x H) mm
 Tunnel Size (W x H) inches
 Conveyor Speed
 Conveyor Height
 Dimensions (L x W x H) mm
 Dimensions (L x W x H) inches
 Approx. Weight
 Conveyor Maximum Load (evenly distributed)
 System Power

150kV X-ray Generator

1,537 x 1,650 mm
 60.5 x 65.0 in.
 0.20 m/sec (39.4 ft/min)
 304 mm (12.0 in.)
 6,430 x 2,873 x 2,181 mm
 253.1 x 113.1 x 85.9 in.
 Net: 2,782 Kg (6,133 lbs)
 3,000 Kg (6,614 lbs) at 230V
 1,500 Kg (3,307 lbs) at 115V
 115/230 VAC +/- 10% / 60/50Hz

200kV X-ray Generator

1,537 x 1,650 mm
 60.5 x 65.0 in.
 0.20 m/sec (39.4 ft/min)
 345 mm (13.6 in.)
 6,608 x 2,816 x 2,244 mm
 260.2 x 110.9 x 82.6 in.
 Net: 3,449 Kg (7,604 lbs)
 3,000 Kg (6,614 lbs) at 230V
 1,500 Kg (3,307 lbs) at 115V
 115/230 VAC +/- 10% / 60/50Hz

X-Ray Generator and Image Performance*

Anode Voltage: Operating at 150kV
 Tube Current: 1.5 mA
 Steel Penetration: 28 mm guaranteed, 30 mm typical
 Wire Resolution: 38 AWG guaranteed, 40 AWG typical
 Material Separation: Low, Medium, High Z with 0.5 Z accuracy
 Generator Orientation: Horizontal
 Generator Cooling: Sealed oil Bath with forced air

Operating at 200kV
 1.0 mA
 45 mm guaranteed, 50 mm typical
 38 AWG guaranteed, 40 AWG typical
 Low, Medium, High Z with 0.5 Z accuracy
 Horizontal
 Sealed oil Bath with forced air

Operating Environment

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

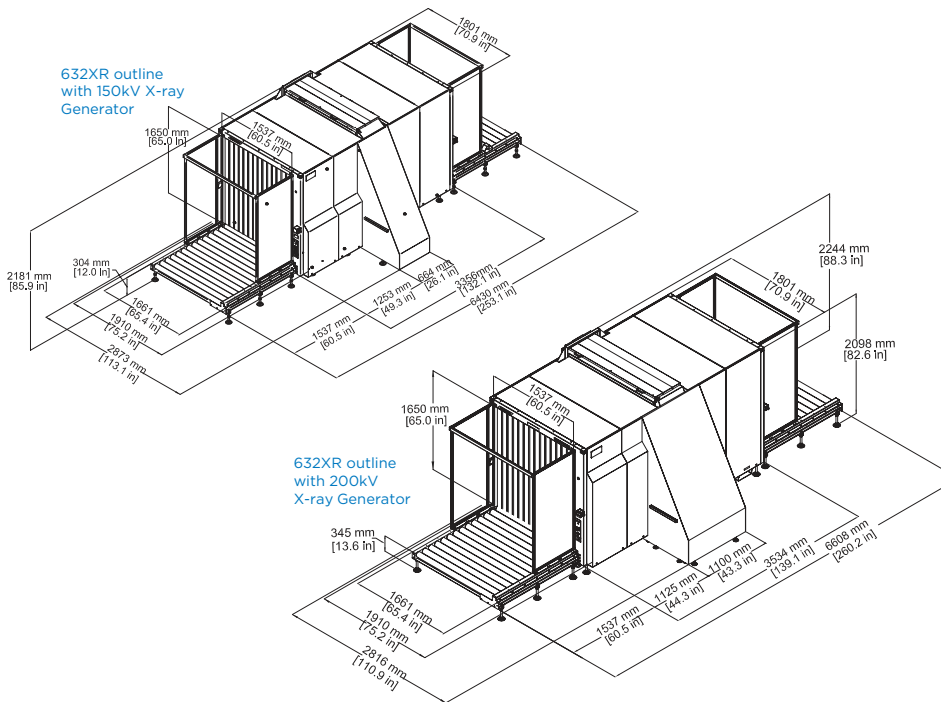
0°C to 40°C
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Health & Safety

Rapiscan Systems' cabinet X-ray products comply with all applicable US FDA and equivalent international regulatory agency requirements, contained in the cabinet X-ray radiation safety performance standard [21 CFR 1020.40] and the general performance standard [21 CFR Part 1010]. Rapiscan Systems certifies each cabinet X-ray product has a maximum radiation emission leakage of less than 1 µSv/hr (0.1 mR/hr) from all external surfaces of the cabinet X-ray system.

Options and Accessories

Target™ / Interactive Target™
 (Automatic detection of solid explosives)
 NARCSan™
 (Automatic detection of narcotics)
 Density Threshold Alert (DTA)
 Threat Image Projection (TIP)
 Threat Image Projection Network (TIPNet)
 NETView™
 (Remote network image archive review)
 NEXLink™
 (Advanced network X-ray management automation and link system)
 Multi-System Alarm Resolution Network Display Station (NDS)
 Automatic Image Archiving
 Enhanced Image Archiving
 Computer Based Operator Training (CBT)
 Operator Training Program (OTP)
 Manual Scan
 Foot-mat
 Optical Operator Presence Sensor
 SmartCard Login
 Power Conditioner
 Conveyor Accessories
 Universal Printer Support



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*Stated performance as measured by Rapiscan Imaging Validation Test Kit.

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.



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Rapiscan Systems is
 ISO 9001:2008 Certified

ONE COMPANY - TOTAL SECURITY

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