

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 Explosive 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):
1,500 x 1,650 mm (59.1 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.

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 Approved Threat Image Projection (TIP) and TIP Network (TIPNet)

Threat Image Projection (TIP) is the preferred operator performance training and measurement tool used by regulatory agencies worldwide. Digital images of potential threats, are interlaced with scanned object.



Toll Free
1-800-930-3766
www.securitydetection.com

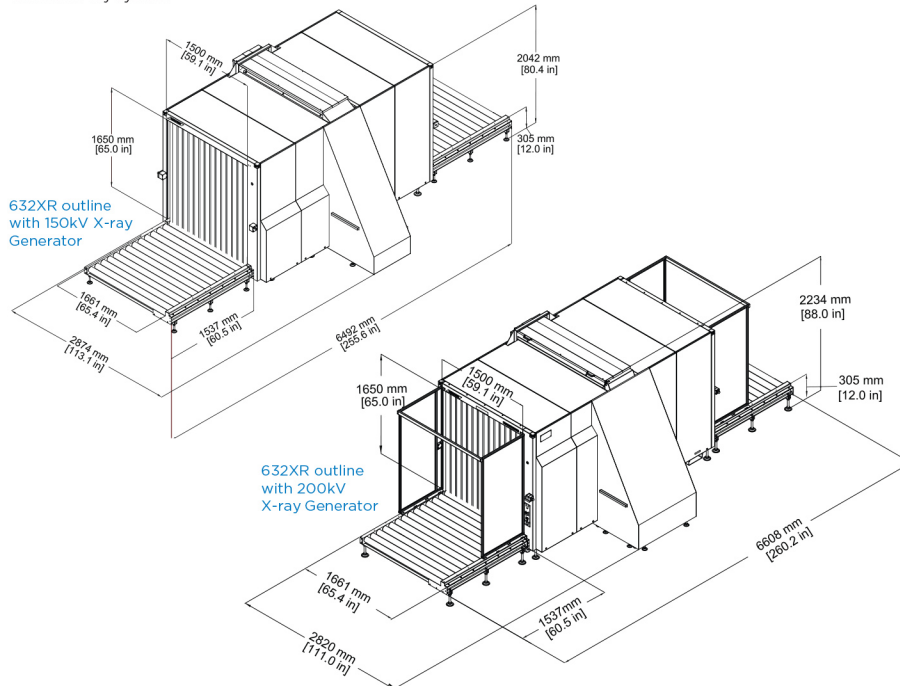
RAPISCAN 632XR



| | 150kV X-ray Generator | 200kV X-ray Generator |
|---|--|--|
| Physical Specifications | | |
| Tunnel Size (W x H) mm | 1,500 x 1,650 mm | 1,500 x 1,650 mm |
| Tunnel Size (W x H) inches | 59.1 x 65.0 in. | 59.1 x 65.0 in. |
| Conveyor Speed | 0.2 m/sec (39.4 ft/min) | 0.2 m/sec (39.4 ft/min) |
| Conveyor Height | 305 mm (12.0 in.) | 305 mm (12.0 in.) |
| Dimensions (L x W x H) mm | 6,492 x 2,874 x 2,042 mm | 6,608 x 2,820 x 2,234 mm |
| Dimensions (L x W x H) inches | 255.6 x 113.1 x 80.4 in. | 260.2 x 111.0 x 88.0 in. |
| Net Weight (typ) | 2,154 Kg (4,749 lbs) | 3,449 Kg (7,604 lbs) |
| Conveyor Maximum Load (evenly distributed) | 3,000 Kg (6,614 lbs) at 230V 1,500 Kg (3,307 lbs) at 115V | 3,000 Kg (6,614 lbs) at 230V 1,500 Kg (3,307 lbs) at 115V |
| System Power | 115/230 VAC +/- 10% / 60/50Hz | 115/230 VAC +/- 10% / 60/50Hz |
| X-Ray Generator and Image Performance* | | |
| Anode Voltage: | Operating at 150kV | Operating at 200kV |
| Tube Current | 1.5 mA | 1.0 mA |
| Steel Penetration | 28 mm guaranteed, 30 mm typical | 45 mm guaranteed, 50 mm typical |
| Wire Resolution | 38 AWG guaranteed, 40 AWG typical | 38 AWG guaranteed, 40 AWG typical |
| Material Separation | Low, Medium, High Z with 0.5 Z accuracy | Low, Medium, High Z with 0.5 Z accuracy |
| Generator Orientation | Horizontal | Horizontal |
| Generator Cooling | Sealed oil Bath with forced air | Sealed oil Bath with forced air |
| Operating Environment | | |
| Operating Temperature Range | 0°C to 40°C | 0°C to 40°C |
| Storage Temperature Range | -20°C to 50 °C | -20°C to 50 °C |
| Relative Humidity | 5 to 95% non-condensing | 5 to 95% non-condensing |

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 0.1 µSv/hr (0.1 mR/hr) measured 5 cm from all external surfaces of the cabinet X-ray system.



*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.

Options and Accessories

- *Target™ / Interactive Target™ (Automatic detection of solid explosives)
- Density Threshold Alert (DTA)
- Threat Image Projection (TIP)
- Threat Image Projection Network (TIPNet)
- Automatic Image Archiving
- Manual Scan
- Operator Training Program (OTP)
- Computer Based Operator Training (CBT)
- Network Display Station (NDS)
- Foot-mat
- Optical Operator Presence Sensor
- Conveyor Accessories
- SmartCard Login
- Power Conditioner
- Printer Kit



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