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.

Automatic Detection of Explosives

Target $^{\mathbb{N}}$ 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,

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)













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 Powe

X-Ray Generator and Image Performance

Anode Voltage: Tube Current Steel Penetration Wire Resolution Material Separation

Generator Orientation Generator Cooling

Operating Environment

Operating Temperature Range Storage Temperature Range Relative Humidity

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 1 µSv/hr (0.1 mR/hr) from all external surfaces of the cabinet X-ray

Operating at 150kV

1.5 mA

typical

150kV X-ray Generator 200kV X-ray Generator

1,537 x 1,650 mm 1,537 x 1,650 mm 60.5 x 65.0 in. 60.5 x 65.0 in. 0.20 m/sec (39.4 ft/min) 0.20 m/sec (39.4 ft/min) 304 mm (12.0 in.) 345 mm (13.6 in.) 6,430 x 2,873 x 2,181 mm 6,608 x 2,816 x 2,244 mm 253.1 x 113.1 x 85.9 in. 260.2 x 110.9 x 82.6 in. Net: 2,782 Kg (6,133 lbs) Net: 3,449 Kg (7,604 lbs) 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 115/230 VAC +/- 10% / 60/50Hz 115/230 VAC +/- 10% / 60/50Hz

Operating at 200kV

1.0 mA

28 mm guaranteed, 45 mm guaranteed, 30 mm typical 50 mm typical

38 AWG guaranteed, 40 AWG 38 AWG guaranteed, 40 AWG Low, Medium, High Z with 0.5 $\rm Z$

Low, Medium, High Z with 0.5 Z accuracy accuracy Horizontal Horizontal

Sealed oil Bath with forced air Sealed oil Bath with forced air

0°C to 40°C 0°C to 40°C -20°C to 50 °C -20°C to 50 °C

5 to 95% non-condensing 5 to 95% non-condensing

632XR outline with 150kV X-ray 2244 mm [88.3 in] 304 mm [12.0 in 632XR outline with 200kV X-ray Generato

*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)

(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

AMERICAS, CARIBBEAN

2805 Columbia Street Torrance, California 90503 UNITED STATES of AMERICA

+1 310-978-1457 +1 310-349-2491

EUROPE, MIDDLE EAST, AFRICA

X-Ray House Bonehurst Road Salfords Surrey RH1 5GG UNITED KINGDOM

+44 (0) 870-7774301 +44 (0) 870-7774302 Fax:

240 Macpherson Road #07-01 Pines Industrial Building Singapore 348574 SINGAPORE

+65-6846-3511 Tel: Fax: +65-6743-9915

sales@rapiscansystems.com

WFB

www.rapiscansystems.com







Rapiscan Systems is ISO 9001:2008 Certified