RAPISCAN 628XR

Easy loading conveyor and large tunnel for X-ray screening of large baggage and parcels.

Large Parcel and Small Cargo Screening

Easy Loading Conveyor

Meets Global Regulatory Requirements

Cost Effective

With a high tunnel opening and a low conveyor, the Rapiscan 628XR is designed for customers that need easy loading and unloading of small cargo as well as baggage and large parcels during the screening process for aviation check-in, air cargo and customs inspection.

With a 1,000 mm wide by 1,000 mm high tunnel opening, the Rapiscan 628XR meets the most stringent requirements of multiple global regulatory requirements including French civil aviation authority (STAC) and Civil Aviation Administration of China (CAAC).

The Rapiscan 628XR has been approved and included on the U.S. TSA Air Cargo Screening Technology List (ACSTL) applicable to U.S TSA Certified Cargo Screening program (CCSP) as well as the Qualified Equipment and Services Lists applicable to the Transport Canada (TC) Air Cargo Security Program (ACS).

Tunnel Opening (width x height):
1,000 x 1,000 mm (39.4 x 39.4 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.

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.

Industry-Leading Operator Training

Rapiscan Systems offers three comprehensive operator training programs: On-system Operator Training Program (OTP); standalone Computer Based Training software (CBT); and live in-person training with expert trainers in a one-to-one or classroom setting. All Rapiscan CBT programs are in full compliance with U.S. Transportation Security Administration (TSA) and European Union (EU) Commission Regulation 185/2010 requirements.

Regulatory Compliance

Rapiscan 628XR image quality performance is in compliance with regulation (EC) No. 300/2008. In addition, Rapiscan 628XR Threat Image Projection (TIP) is in compliance with regulation (EU) No. 185/2010.

Rapiscan® systems

An OSI Systems Company

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RAPISCAN 628XR

Physical Specifications

Dimensions:	Length: 3,798 mm (149.5 in.)
	Width: 1,410 mm (55.5 in.)
	Height: 2,124 mm (83.6 in.)
Tunnel Size:	1,000 mm (W) x 1,000 mm (H) (39.4 x 39.4 in.)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Load:	165 Kg (364 lbs) evenly distributed
Conveyor Height:	353 mm (13.9 in.)
Approx Weight:	Net: 1,250 Kg (2,756 lbs)
System Power:	115/230 VAC ±10%, 60/50Hz

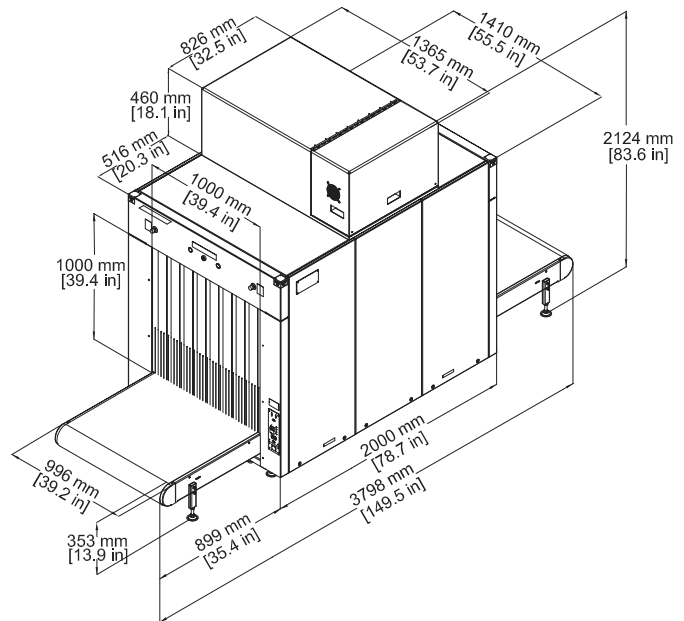## X-Ray Generator and Image Performance*

Steel Penetration:	28 mm guaranteed; 30 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 160kV
Tube Current:	1.0 mA
Orientation:	Vertically Downward

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

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 system.

Options and Accessories

Target™ / Interactive Target™
(Automatic detection of solid explosives)

NARCScan™
(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

Operator Pedestal

Foot-mat

Optical Operator Presence Sensor

SmartCard Login

Power Conditioner

Conveyor Accessories

Universal Printer Support

*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
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