

## FEATURE-RICH X-RAY BAGGAGE INSPECTION SYSTEM FOR SCREENING LARGE CARRY-ON BAGGAGE AND PARCELS AT THE CHECKPOINT.

LARGE BAGGAGE AND PARCEL  
SCREENING

ADJUSTABLE CONTROL PANEL

NETWORK ENABLED

PERFORMANCE AND VALUE

### STANDARD FEATURES

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

### 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)

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Tunnel Opening (width x height):  
750 x 550 mm (29.5 x 21.7 in)

THE RAPISCAN 622XR OFFERS HIGH PERFORMANCE THREAT DETECTION AND LOWER TOTAL COST OF OWNERSHIP. WITH A TUNNEL OPENING OF 750MM X 550MM, THE RAPISCAN 622XR CAN ACCOMMODATE A RANGE OF PARCEL AND BAGGAGE SIZES FOR CHECKPOINTS.

The 622XR's innovative design allows for bidirectional operation, while its dual-energy detection provides material discrimination alert so that screeners can identify the material composition of the scanned object. In addition, it offers options like an adjustable control panel stand and swing-open, easy-access panels.

The Rapiscan 622XR, complies with U.S. Code of Federal Regulations (CFRs) on performance standards for ionizing radiation-emitting products, electronics products, radio frequency devices, qualification of screening personnel, occupational noise exposure and occupational safety and health standards.

### DETECTION OF EXPLOSIVES AND NARCOTICS ALERT

Target™ and NARCScan™ are designed to assist operators in the detection of a range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image. Rapiscan detection algorithms are based on regulatory material analysis techniques.

### REGULATORY COMPLIANCE

Rapiscan 622XR performance is in full compliance with the European Union regulations (EC) No. 300/2008, (EU) No. 2015/1998 and Commissions Decision C (2015)8005 for aviation security.

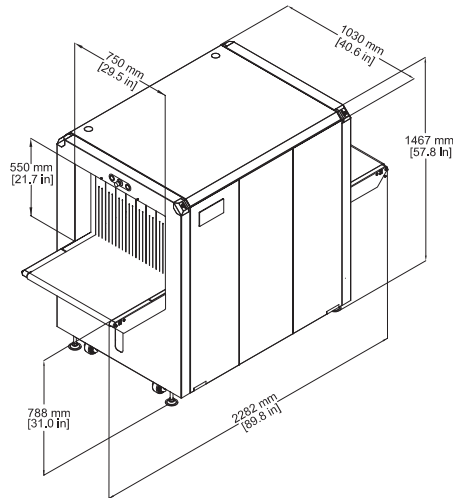
### EASE OF USE PROVIDING HIGHEST THROUGHPUT

With over 13 image processing tools and detection alert algorithm functions, the feature rich software allows the operator to more easily and accurately search for contraband.



# RAPISCAN 622XR

**Rapiscan**<sup>®</sup>  
systems  
An OSI Systems Company



## PHYSICAL SPECIFICATIONS

Dimensions:	Length: 2,282 mm (89.9 in.) Width: 1,030 mm (40.6 in.) Height: 1,467 mm (57.8 in.)
Tunnel Size:	750 mm (W) x 550 mm (H) (29.5 x 21.7 in.)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Load (Max):	165 Kg (364 lbs)
Conveyor Height:	788 mm (31.0 in.)
Weight (Approx.):	Net: 610 Kg (1,345 lbs)
System Power:	115/230 VAC ±10%, 60/50Hz

## STANDARD X-RAY GENERATOR AND IMAGE PERFORMANCE<sup>1</sup>

Steel Penetration:	28 mm standard; 30 mm typical
Wire Resolution:	38 AWG standard; 40 AWG typical
Generator Cooling:	Sealed oil bath with forced air
Anode Voltage:	Operating at 140kV
Tube Current:	0.7 mA
Orientation:	Vertically Upward

## HIGH PENETRATION X-RAY GENERATOR OPTION AND IMAGE PERFORMANCE<sup>1</sup>

Steel Penetration:	40 mm typical; 35 mm standard
Wire Resolution:	40 AWG typical; 38 AWG standard
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

## PROTECTION CLASS

System:	IP20
Operator Control Panel:	IP43 <sup>2</sup>

## REGULATORY

- TSA Air Cargo Screening Technology List (ACSTL) Qualified
- Regulation (EC) No. 300/2008 Compliant
- Regulation (EU) No. 2015/1998 Compliant
- EU Commissions Decision (EU) C(2015)8005 Compliant
- French Civil Aviation Authority (STAC) Certified
- UK Department for Transport (DfT) TIP Approved

## HEALTH & SAFETY

Rapiscan Systems' cabinet X-ray products comply with all applicable U.S. 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] as well as IEC standard 61010-2-091.

Rapiscan baggage and parcel inspection systems radiation emission leakages are well below the required regulatory limits with less than 1µSv/hr at 10 cm from all surfaces of cabinet X-ray.

## OPTIONS AND ACCESSORIES

- Explosives Detection Alert (Target™)
- Narcotics Detection Alert (NARCScan™)
- Density Threshold Alert (DTA)
- Threat Image Projection (TIP)
- Threat Image Projection Network (TIPNet)
- Remote Image Archive Review (NETView™)
- Network X-ray management automation and Link system (NEXLink™)
- Multi-System Network Display Station (NDS)
- Automatic Image Archiving
- Enhanced Image Archiving
- Operator Training Program (OTP)
- Manual Scan
- Operator Pedestal
- Foot Mat
- Optical Operator Presence Sensor
- SmartCard Login
- Power Conditioner
- Conveyor Accessories
- Remote Workstation
- Adjustable Height Lift and Tilt Stand

<sup>1</sup> Stated performance as measured by Rapiscan Imaging Validation Test Kit.

<sup>2</sup> With optional replaceable cover.

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 and ISO 14001:2004 + Cor. 1:2009 Certified

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