



627XR RAPISCAN

EFFICIENT X-RAY SCREENING FOR
LARGE BAGGAGE AND PARCELS

- ▶ LARGE BAGGAGE AND PARCEL SCREENING
- ▶ MEETS GLOBAL REGULATORY REQUIREMENTS
- ▶ NETWORK ENABLED
- ▶ COST EFFECTIVE

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)
- Multi language support
- 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)



TUNEL OPENING (WXH) :
1,000 x 1,000 mm (39.4 x 39.4 in)

THE RAPISCAN 627XR IS DESIGNED FOR SCREENING SMALL CARGO AS WELL AS BAGGAGE AND LARGE PARCELS FOR AIR CARGO AND CUSTOMS APPLICATIONS. With a 1,000 mm wide by 1,000 mm high tunnel opening, the Rapiscan 627XR meets the stringent requirements of multiple global regulatory requirements including U.S. Transportation Security Administration (TSA), French civil aviation authority (STAC), and Transport Canada (TC).

DETECTION OF EXPLOSIVES AND NARCOTICS ALERT

Target™ and NARCSan™ 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.

EASE OF USE PROVIDING HIGHEST THROUGHPUT

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

SAFETY IS OUR #1 FOCUS

Rapiscan 627XR 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.





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PHYSICAL SPECIFICATIONS

Dimensions:	Length: 3,934 mm (154.9 in.) Width: 1,388 mm (54.6 in.) Height: 2,021 mm (79.6 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 (Max):	165 Kg (364 lbs)
Conveyor height (Approx.):	840 mm (33.1 in.)
Weight (Approx.):	Net: 1,160 Kg (2,557 lbs)
System power:	115/230 VAC +10% / 60/50Hz

X-RAY GENERATOR AND IMAGE PERFORMANCE⁽¹⁾

Steel penetration:	30 mm typical; 28 mm standard
Resolution:	40 AWG typical; 38 AWG standard
Cooling:	Sealed oil bath with forced air
Anode voltage:	Operating at 140kV
Tube current:	0.7 mA
Orientation:	Vertically upward

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

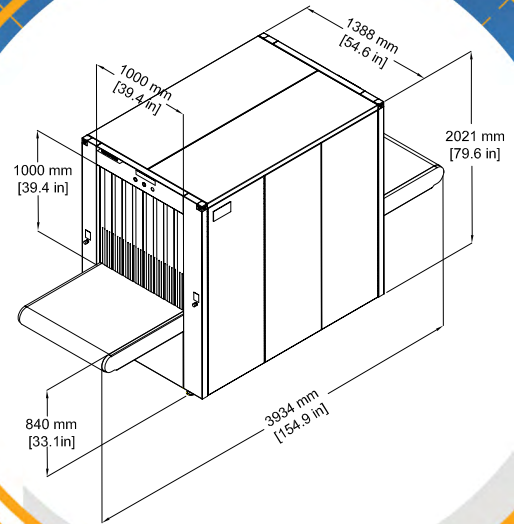
System:	IP20
Operator control panel:	IP43 ²

GOVERNMENT REGULATORY

TSA Air Cargo Screening Technology List (ACSTL) Qualified
 Transport Canada (TC) Air Cargo 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

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 1 µSv/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
- Universal printer support

(1) Stated performance as measured by Rapiscan Imaging Validation Test Kit.
 (2) 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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