

EASY LOADING
CONVEYOR AND
LARGE TUNNEL
FOR SCREENING
OF ULD TYPE
FREIGHT AND ISO
STANDARD PALLETS.

ADVANCED CARGO SCREENING

LARGE PALLET CARGO

EXPLOSIVES AND NARCOTICS
DETECTION ALERT

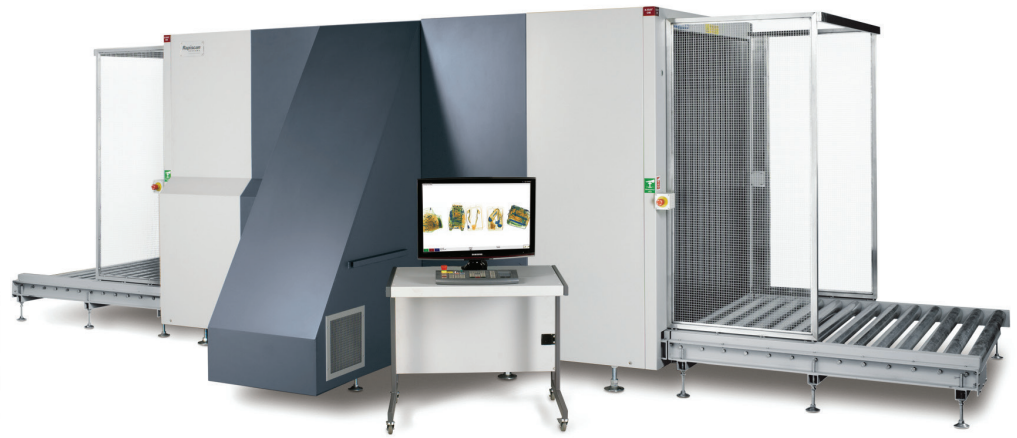
COST EFFECTIVE

STANDARD FEATURES

- Full Spectrum Imaging
- View Previous/Next Bag
- Image Archive
- Configurable Image Processing Keys
- Baggage Counter
- Date / Time Display
- Search Indicator
- UPS (Uninterrupted Power Supply)
- Remote Workstation
- 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)



Tunnel Opening (width x height):
1,837 x 1,800 mm (72.3 x 70.9 in)

THE 638XR IS AN ADVANCED X-RAY SYSTEM FOR SCREENING OF ULD TYPE, ISO STANDARD, LOWER DECK AND LARGE CARGO PALLET TYPE FREIGHT. IT HAS A LARGE TUNNEL OPENING OF 1,837 MM X 1,800 MM AND USES INNOVATIVE SCREENING TECHNOLOGY WITH EXPLOSIVES AND NARCOTICS DETECTION ALERT, TO GENERATE AN OUTSTANDING HIGH RESOLUTION VIEW OF THE OBJECT UNDER INSPECTION.

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.

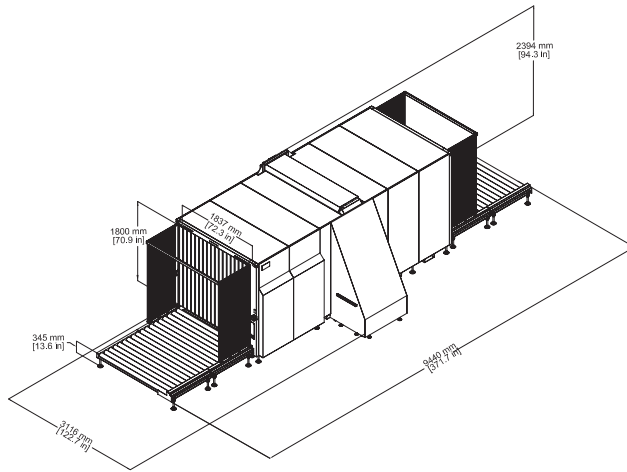
REGULATORY COMPLIANCE

638XR 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.

638XR



PHYSICAL SPECIFICATIONS

Dimensions:	Length: 9,440 mm (371.7 in.) Width: 3,116 mm (122.7 in.) Height: 2,394 mm (94.3 in.)
Tunnel Size:	1,837 mm (72.3 in.) X 1,800 mm (70.9 in.)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Load (Max):	3,000 Kg (6,614 lbs) evenly distributed at 230 V 1,500 Kg (3,307 lbs) evenly distributed at 115 V
Conveyor Height:	345 mm (13.6 in.)
Weight (Approx.):	Net: 4,774 Kg (10,525 lbs)
System Power:	115/230 VAC ±10%, 60/50Hz

X-RAY GENERATOR AND IMAGE PERFORMANCE¹

Steel Penetration:	50 mm typical, 45 mm standard
Wire Resolution:	40 AWG typical, 38 AWG standard
Cooling:	Sealed oil bath with forced air
Anode Voltage:	Operating at 200kV
Tube Current:	1.0 mA
Orientation:	Horizontal

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

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.

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Rapiscan®
systems
An OSI Systems Company

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
- Foot Mat
- Optical Operator Presence Sensor
- SmartCard Login
- Power Conditioner
- Roller Bed Accessories
- 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.



Certified to
AS9100C



Rapiscan Systems is AS9100C:2009 and
ISO 14001:2004 + Cor. 1:2009 Certified

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