

# Rapiscan 622XR

**Rapiscan**<sup>®</sup>  
systems

An OSI Systems Company

## BAGGAGE AND PARCEL INSPECTION

New Ergonomic Design

Dependable Platform

Larger Tunnel

Value and Performance



*Shown with optional control panel stand*

The **Rapiscan 622XR** is the solution for high performance threat detection at the lowest cost of ownership. With an emphasis on ergonomic design features like the adjustable control panel stand, the 622XR addresses screeners' ease-of-use requirements.

The **Rapiscan 622XR's** modular assembly and swing-open easy-access panels provide unmatched reliability and serviceability.

The dual energy **622XR** provides automatic color coding of materials with different atomic numbers so that screeners can easily identify objects within the parcel.

The **Rapiscan 622XR** has a large tunnel opening of 750mm (29.53 inches) wide by 550mm (21.67 inches) high. In addition, the system is equipped with folding conveyors to permit relocation and access through doorways and elevators. Also, the control panel can lock in a vertical position for secure storage.

## CUSTOMER SUPPORT SERVICES

Our team is dedicated to providing a prompt, effective and personalized response that exceeds your expectations. With spare parts inventory and skilled technicians all over the world, you can be certain Rapiscan Systems will always be prepared with a solution to address your requirements. By measuring response time, parts delivery and support status, our team embraces a customer centric philosophy to ensure continual improvement of our products and services.

## FEATURES & OPTIONS

### Threat Image Projection (TIP):

TIP inserts digital threat images at configurable frequencies into the regular flow of bags. TIP is a reliable method for continually improving the skill level of screeners and is the preferred training method used by regulatory agencies worldwide.

### Network Display Station (NDS):

NDS improves threat detection, throughput, and simplifies operating procedures by enabling the operator performing a manual search of suspect bags to reconcile the actual bag contents with the scanned image.

### Network Management System (NMS):

Allows a supervisor to monitor the performance of many X-ray checkpoints in a large facility from a single location.

**Enhanced Performance X-ray (EPX):** Enables consistent detection of materials having characteristics of explosives, narcotics, gold, currency and agricultural products.

### Operator Training Program (OTP):

OTP enables the X-ray system to be used as a training terminal without running parcels.



ONE COMPANY - TOTAL SECURITY

## BAGGAGE AND PARCEL INSPECTION

### PHYSICAL SPECIFICATIONS

Dimensions: Length: 2,775 mm (109.3 in.)  
 Height: 1,467 mm (57.77 in.)  
 Width: 1,030 mm (40.55 in.)  
 Tunnel Size: 750 mm(W) x 550 mm(H). (29.53 x 21.67 in.)  
 Conveyor Speed: 0.22 m/sec (44 ft./min)  
 Max Load: 165Kg (365 lbs)  
 Approx Weight: Net: 750 Kg (1,653 lbs)

Wire Resolution: 38 AWG guaranteed, 40 AWG typical  
 Steel Penetration: 27 mm guaranteed, 29 mm typical  
 Material Separation: Low Z, Medium Z, High Z to 0.5 Z accuracy

### SYSTEM POWER & X-RAY GENERATOR

System Power: 115 VAC +/- 10% / 50 or 60Hz / 10Amps max or  
 230 VAC +/- 10% / 50Hz or 60Hz / 5Amps Max  
 Generator Cooling: Sealed oil bath with forced air  
 Anode Voltage: 140KV (160 rated)  
 Tube Current: 0.7 mA

### COMPUTER SPECIFICATIONS

Processor Speed: Intel Pentium® Processor currently available  
 Memory: 64 MB RAM minimum  
 Video Memory: 16 MB minimum  
 Hard Disk Drive: 40 GB minimum  
 CD-ROM Drive: Yes  
 Floppy Disk: Yes

Access to keyboard port and parallel port is provided by means of a lockable access panel on the outside of the machine.

### OPERATING ENVIRONMENT

Storage Temperature: -20°C to 50°C  
 Operating Temperature: 0°C to 40°C  
 Relative Humidity: 5 to 95% non-condensing

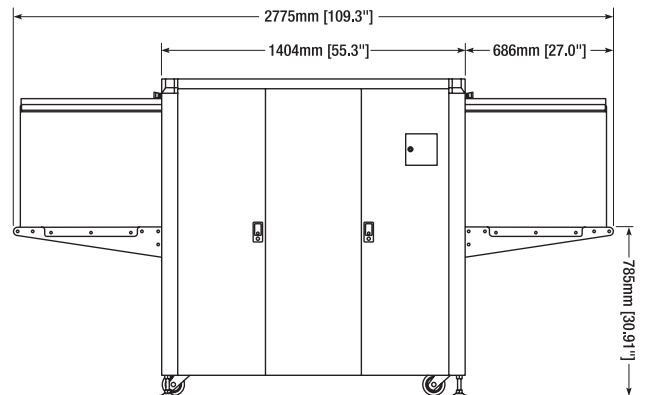
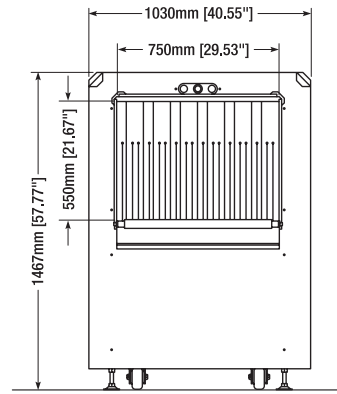
### HEALTH & SAFETY

All Rapiscan Systems products comply with applicable international health and safety regulations including USA FDA X-ray systems (Federal Standard 21CFR 1020.40) and Health and Safety at Work Act 1974-section 6, Amended by the Consumer Protection Act 1987. Maximum leakage radiation less than 0.1mR/hr (1µ Sv/hr) in contact with outer panels.

Film Safety: For ISO 1600/33 DIN, guaranteed up to 10 times exposure to radiation.

CE Compliance: Yes  
 FCC & IEC Compliance: Yes

*With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice.*



STANDARD FEATURES	OPTIONS
Crystal Clear™	Flat Panel LCD Monitor
Multi Energy Imaging (4 color)	Enhance Performance X-ray (EPX)
Density Threat Alert	Threat Image Projection (TIP)
Variable Edge Enhancement	TIP Network
High/Low Penetration	Target™-Screener Assist Technology
Variable Gamma	Network Display Station (NDS)
Inverse Video	Network Management System (NMS)
Pseudo Color	Power Conditioner
Variable Density Zoom	Secure Workstation
Organic/Inorganic Stripping	Remote Workstation
Black and White Viewing	Conveyor Accessories
Variable Color Stripping	Foot-mat
Zoom	UPS (Uninterrupted Power Supply)
View previous bag	VCR Output
Manual Image Archiving	Video Printer
Baggage Counter	Automatic Image Archiving
Search Indicator	Adjustable Height Control Panel Stand
Date/Time display	Acrylic Tunnel Covers
Full diagnostic built in test facility	High Penetration
Operator Training Program (OTP)	

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