

# Rapiscan 618XR

**Rapiscan**<sup>®</sup>  
systems

An OSI Systems Company

## BAGGAGE AND PARCEL INSPECTION

Ergonomic Design

Compact

Stores Securely

Cost Effective



The **Rapiscan 618XR** provides the benefits of a compact and cost effective X-ray system while still providing dual energy performance and a generous tunnel opening of 550 mm (21.7 inches) wide by 360 mm (14.2 inches) high.

Its innovative design includes a lockable console and folding conveyors for secure and compact storage when not in use. The **Rapiscan 618XR** has been designed for rapid relocation and can be wheeled through narrow doorways. The **Rapiscan 618XR** can be part of an effective event based security solution for hotels and convention centers.

## 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

**New OS600 Software:** OS600 provides a new, intuitive Graphical User Interface with improved image quality. OS600 also offers advanced networking capabilities.

**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.



ONE COMPANY - TOTAL SECURITY

## BAGGAGE AND PARCEL INSPECTION

### PHYSICAL SPECIFICATIONS

Dimensions: Length: 1590 mm (62.60 in.) *unit in use*  
 Length: 1000 mm (39.37 in.) *conveyors folded up*  
 Height: 1381 mm (54.37 in.) *excluding monitor*  
 Width: 735 mm (28.94 in.)

Tunnel Size: 550 mm (W) x 360 mm (H) (21.35 x 14.04 in.)

Conveyor Speed: 0.20 m/sec (40 ft./min)

Conveyor Height: 845 mm (33 in.)

Conveyor Max Load: 165 Kg (365 lbs) evenly distributed

Approx Weight: Net: 270 Kg (595 lbs)  
 Gross: 450 Kg (992 lbs)

System Power: 115 VAC +/- 10% / 60Hz / 10 Amps or  
 230 VAC +/- 10% / 50Hz / 5 Amps

### X-RAY GENERATOR AND IMAGE PERFORMANCE

Wire Resolution: 38 AWG guaranteed, 40 AWG typical

Steel Penetration: 27mm guaranteed, 29 mm typical

Material Separation: Low Z, Medium Z, High Z, to 0.5 accuracy

Cooling: Sealed oil bath with forced air

Anode Voltage: 160KV rated, operating at 140KV

Tube Current: 0.7 mA typical

Orientation: Vertically Upward

### COMPUTER SPECIFICATIONS

Processor Speed: Intel Pentium® Processor currently available

Monitor: 17" CRT color, non-flicker

Memory: 1 GB RAM minimum

Video Memory: 256 MB minimum

Hard Disk Drive: 160 GB minimum

DVD Drive: 16X

Access to usb 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.

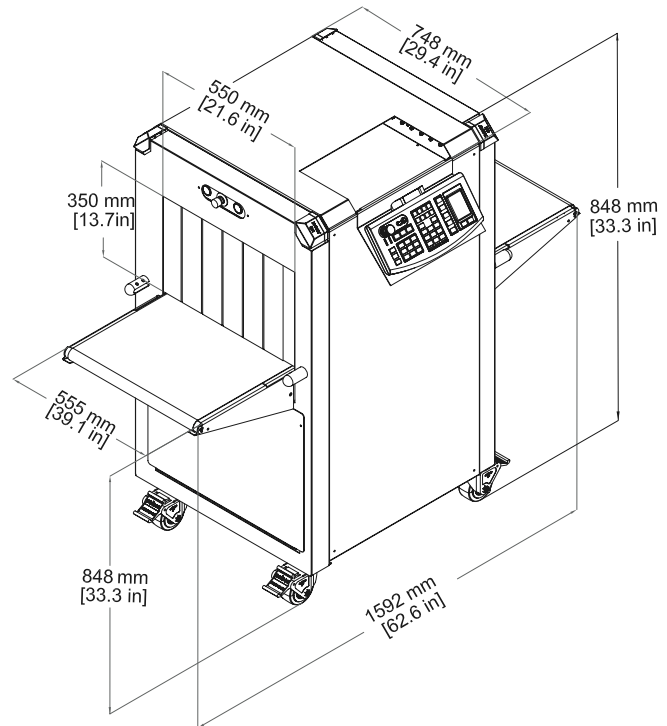
Film Safety: For ISO 1600/33 DIN, guaranteed up to 10 times exposure to radiation.

CE Compliance: Yes

FCC & IEC Compliance: Yes

### ISO 9001:2000 Certified

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



STANDARD FEATURES	OPTIONS
Crystal Clear™	Threat Image Protection (TIP)
Multi Energy Imaging (4 color)	Density Threshold Alert (DTA)
Variable Edge Enhancement	Manual Scan
High Penetration	Flat Panel LCD Monitor
Variable Gamma	Power Conditioner
Inverse Video	Automatic Image Archiving
Variable Density Zoom	Remote Workstation
Organic/Inorganic Stripping	Foot-mat
Black and White Viewing	Conveyor Accessories
Variable Color Stripping	
Zoom (to 64x)	
View Previous Bag	
Configurable Image Processing Keys	
Manual Image Archiving	
UPS (Uninterrupted Power Supply)	
Baggage Counter	
Search Indicator	
Date/Time Display	

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