

Rapiscan 618XR

Rapiscan[®]
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.

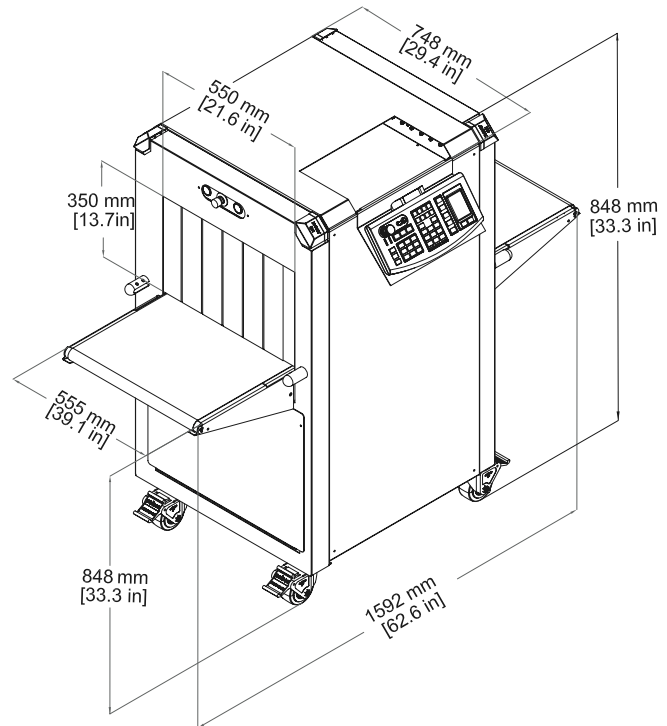
Film Safety: For ISO 1600/33 DIN, guaranteed up to 10 times exposure to radiation.

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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