Rapiscan 620XR

Rapiscan systems
An OSI Systems Company

BAGGAGE AND PARCEL INSPECTION

New OS600 Operating System

Dependable Platform

Seamless Network Integration

Value and Performance

Shown with optional control panel stand

Rapiscan Systems' new OS600 Operating System provides an intuitive Graphical User Interface with improved image quality. OS600 also offers advanced networking capabilities.

The **Rapiscan 620XR** 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 620XR addresses screeners' ease-of-use requirements.

The **Rapiscan 620XR's** modular assembly and swing-open easy-access panels provide unmatched reliability and serviceablilty.

The dual energy **Rapiscan 620XR** provides automatic color coding of materials with different atomic numbers so that screeners can easily identify objects within the parcel.

The **Rapiscan 620XR** has a large tunnel opening of 620mm (24.4 inches) wide by 420mm (16.4 inches) high. The center drive roller design allows for bi-directional operation. 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.

High Penetration (HP): This option provides 35mm steel penetration using a 180KV generator.

ONE COMPANY - TOTAL SECURITY

BAGGAGE AND PARCEL INSPECTION

PHYSICAL SPECIFICATIONS

Dimensions:	Length: 2,570 mm (101 in.) Unit in use
	Length: 1,480 mm (58.27 in.) Conveyors folded up
	Height: 1,381 mm (54 in.)
	Width: 840 mm (33 in.)
Tunnel Size:	620 mm (W) x 420 mm (H) (24.4 x 16.4 in.)
Conveyor Speed:	0.22 m/sec (44 ft./min)
Max Load:	165 Kg (365 lbs)
Approx Weight:	Net: 680 Kg (1,499 lbs)
System Power:	115 VAC +/- 10% / 50Hz or 60Hz / 10 Amps max or
	230 VAC +/- 10% / 50Hz or 60Hz / 5 Amps max

X-RAY GENERATOR AND IMAGE PERFORMANCE

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
Generator Cooling:	Sealed oil bath with forced air
Anode Voltage:	160KV rated, operating at 140KV
Tube Current:	0.7 mA
Orientation:	Vertically Upward

HIGH PENETRATION OPTION (HP)

Steel Penetration:	35 mm guaranteed
Wire Resolution:	38 AWG guaranteed, 40 AWG typical
Anode Voltage:	180KV rated, operating at 160KV
Tube Current:	1mA typical

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-ROM Drive:	16X

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

OPERATING ENVIRONMENT

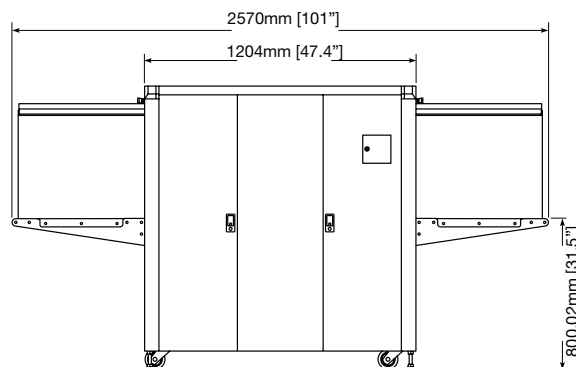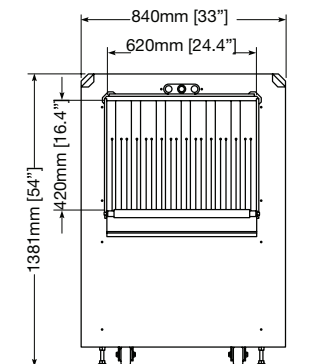|	
Storage Temperature:	-20°C to 50°C
Operating Temperature:	0°C to 40°C
Relative Humidity:	5 to 95% non-condensing

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

ISO 9001:2000 Certified
With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice.

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STANDARD FEATURES	OPTIONS
Crystal Clear™	Threat Image Projection (TIP)
Multi Energy Imaging (4 color)	Flat Panel LCD Monitor
Variable Edge Enhancement	Adjustable Height Lift and Tilt Stand
High Penetration	Power Conditioner
Variable Gamma	Remote Workstation
Inverse Video	Foot-mat
Variable Density Zoom	UPS (Uninterrupted Power Supply)
Organic/Inorganic Stripping	High Penetration X-ray Generator
Black and White Viewing	
Variable Color Stripping	
Zoom (to 64x)	
View Previous Bag	
Programmable Function Keys	
Manual Image Archiving	
Automatic Image Archiving	
Baggage Counter	
Search Indicator	
Date/Time Display	

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