

RAP620XR Conveyor X-ray Scanner



The Rap620XR 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 Rap 620XR's modular assembly and swing-open easy-access panels provide unmatched reliability and serviceability.

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

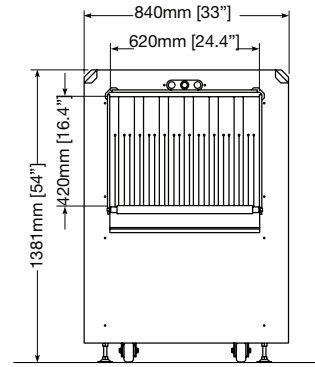
The Rap620XR has a large tunnel opening of 620mm (24.4 inches) wide by 420mm (16.4 inches) high. The centre drive roller design allows for bi-directional operation. In addition, the system is equipped with folding conveyors to permit relocation and access through doorways and elevators. Also, the control panel can lock in a vertical position for secure storage.

IMAGING CHARACTERISTICS

- Organic and Inorganic Imaging
- Pseudo Colour
- EPX, Crystal Clear, Multi Zoom
- Edge Sharpening
- 29 mm standard penetration

BAGGAGE AND PARCEL INSPECTION

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

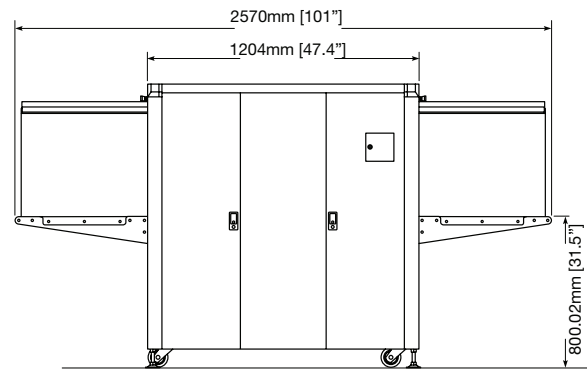


X-RAY GENERATOR AND IMAGE PERFORMANCE

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

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	

9150102-1