

Rapiscan 520S

Rapiscan[®]
systems

An OSI Systems Company

BAGGAGE AND PARCEL INSPECTION

Lockable Console

Foldable Beds

Detachable Tunnels

Portable



*shown with conveyors folded
and the keyboard stored*



*shown with optional
grab handles*

The **Rapiscan 520S** has been designed to provide all the features and high performance associated with the 500 series X-ray machines, while also maintaining compact dimensions. The large lockable castors and fold-up conveyors, combined with a narrow overall width of 734mm (28.9inches) enable the **Rapiscan 520S** to be deployed in space constrained environments. A key benefit of the **Rapiscan 520S** is that it can be easily wheeled through standard size doorways whereas a full size X-ray machine cannot.

The **Rapiscan 520S** has a tunnel opening of 550mm (21.35 inches) wide by 360mm (14.04 inches) high.

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.



*shown with standard flat panel
monitor and optional tunnel
guide rails*

FEATURES & OPTIONS

The Rapiscan 520S conveyors fold up and the operators controls lock inside the machine.

Large castors enable ease of movement.



ONE COMPANY - TOTAL SECURITY

BAGGAGE AND PARCEL INSPECTION

PHYSICAL SPECIFICATIONS

Dimensions: Length: 2,480 mm (96.72 in.) *Unit in use*
(Length: 1,484 mm (57.09 in.) *conveyors folded up*)
Height: 1,170 mm (45.63 in.) *excluding monitor**
Width: 735 mm (28.67 in.)

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

Conveyor Speed: 0.22 m/sec (44 ft./min)

Maximum Load: 165Kg (365 lbs) evenly distributed

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

GENERAL

Resolution: Wire: 40 AWG typical

Penetration: 27mm steel (35mm of steel optional)

Material Separation: Multi-energy mode

X-RAY GENERATOR

Cooling: Sealed oil bath with forced air

Anode Voltage: 160KV rated, operating @ 140KV

Tube Current: 0.7 mA typical

Orientation: Vertically upward

COMPUTER SPECIFICATIONS

Processor Speed: Intel Pentium® Processor currently available

Monitor: 17" XGA color, high refresh, non-flicker

Memory: 64 MB RAM minimum

Video Memory: 16 MB minimum

Hard Disk Drive: 40 GB minimum

CD-ROM Drive: 54X

Floppy Disk: 1.44 MB

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

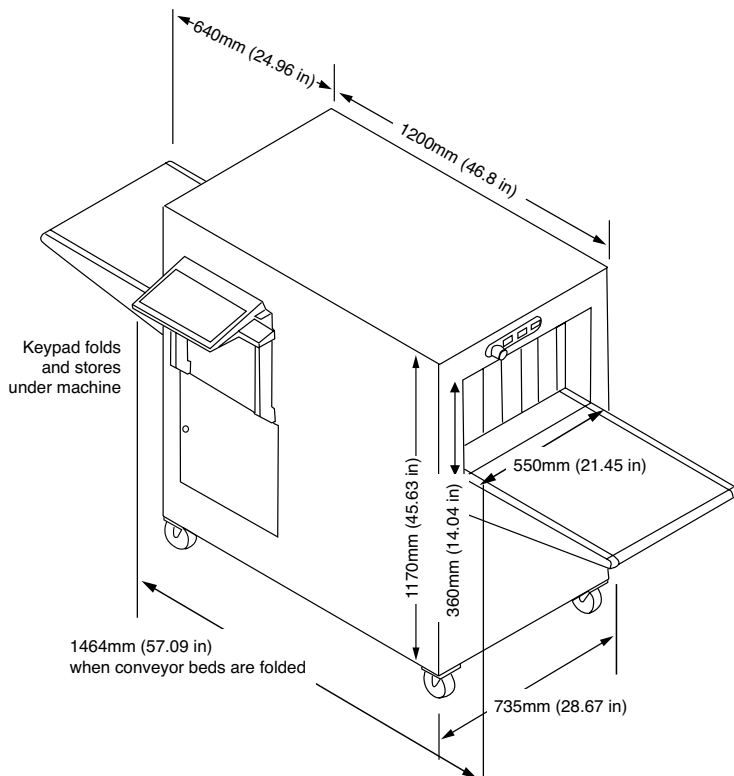
All Rapiscan Systems products comply with applicable international health and safety regulations including USA FDA X-ray systems (Federal Standard 21CFR 1020.40) and Health and Safety at Work Act 1974-section 6, Amended by the Consumer Protection Act 1987. Maximum leakage radiation less than 0.1mR/hr (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	Auto Reject Unit
Date/Time display	High Penetration
Full diagnostic built in test facility	Tunnel Guide Rails
Operator Training Program (OTP)	Grab Handles

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