Rapiscan 519

Rapiscan®
s y s t e m s
An OSI Systems Company

BAGGAGE AND PARCEL INSPECTION

Compact & Portable

Tabletop Design

Secure Storage

Cost Effective

shown with optional short conveyors

The **Rapiscan 519** is a compact, single energy X-ray system for space restricted installations. The system is equipped with a locking cabinet at its base where the monitor can be safely stored when not in use. The folding control panel can also be locked. Its superior image quality and enhanced features provide the essential tools for contraband detection.

The **Rapiscan 519** system offers a tunnel opening of 520mm (20.47 inches) wide by 320mm (12.6 inches) high to accommodate mail and small parcels.

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.

Network Display Station (NDS): NDS improves threat detection, throughput, and simplifies operating procedures by enabling the operator performing a manual search of suspect bags to reconcile the actual bag contents with the scanned image.

Operator Training Program (OTP): OTP enables the X-ray system to be used as a training terminal without running parcels.

ONE COMPANY - TOTAL SECURITY

Rapiscan 519

BAGGAGE AND PARCEL INSPECTION

PHYSICAL SPECIFICATIONS

Dimensions:	Length: 1,554 mm (61.18 in.)
	Height: 1,336 mm (52.59 in.)
	Width: 792 mm (31.18 in.)
Tunnel Size:	520 mm(W) x 320 mm(H). (20.47 x 12.6 in.)
Conveyor Speed:	0.22 m/sec (44 ft/min)
Conveyor Load:	50Kg (110 lbs) evenly distributed
Approx Weight:	Net: 313 Kg (690 lbs)
	Gross: 381 Kg (840 lbs)
System Power:	115 VAC +/- 10% / 50 or 60Hz / 10Amps max
	or 230 VAC +/- 10% / 50 or 60Hz / 5Amps max

Unit is mounted on heavy casters for ease of movement

X-RAY IMAGE PERFORMANCE

Resolution:	38 AWG guaranteed, 40 AWG typical
Penetration:	9mm guaranteed, 10mm typical

X-RAY GENERATOR

Cooling:	Sealed oil bath with forced air
Anode Voltage:	100KV rated, operating @ 80KV
Tube Current:	0.5 mA typical
Orientation:	Vertically Downward

COMPUTER SPECIFICATIONS

Processor Speed:	Intel Pentium® Processor currently available
Monitor:	17" XVGA 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

OPERATING ENVIRONMENT

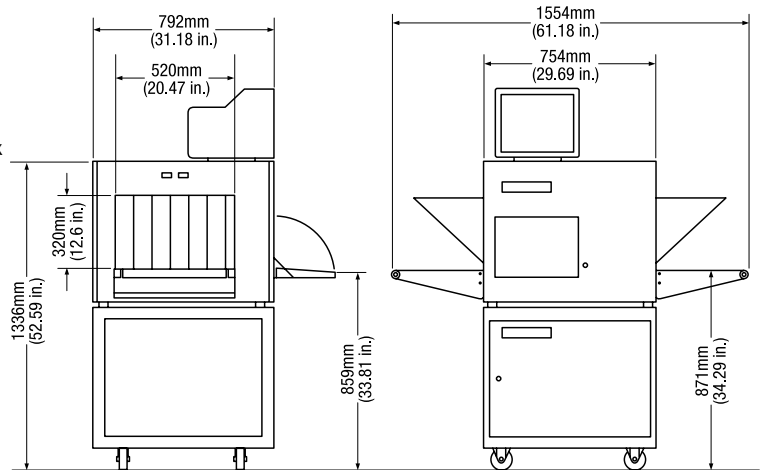|	
Storage Temperature:	-20ºC to 50ºC
Operating Temperature:	0ºC to 40ºC
Relative Humidity:	5 to 95% non-condensing

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.

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STANDARD FEATURES	OPTIONS
Crystal Clear™	Flat Panel LCD Monitor
Single Energy Imaging	Threat Image Projection (TIP)
Density Threat Alert	TIP Network
Variable Edge Enhancement	Network Display Station (NDS)
High/Low Penetration	Network Management System (NMS)
Variable Gamma	Power Conditioner
Inverse Video	Secure Workstation
Pseudo Color	Remote Workstation
Variable Density Zoom	Conveyor Accessories
Black and White Viewing	Foot-mat
Variable Color Stripping	UPS (Uninterrupted Power Supply)
Zoom	VCR Output
View previous bag	Video Printer
Manual Image Archiving	Automatic Image Archiving
Baggage Counter	High / Low Penetration
Search Indicator	Short Conveyors
Date/Time display	
Full diagnostic built in test facility	
Operator Training Program (OTP)	

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