

# RAPISCAN 620XR

## Check Point X-Ray Screening System



*baggage & parcel*

*inspection  
technology*



### Standard Features

- Multi Energy Imaging (4 Color)
- View Previous/Next Bag
- Manual Image Archive
- Configurable Image Processing Keys
- Baggage Counter
- Date / Time Display
- Search Indicator
- UPS (Uninterrupted Power Supply)
- Flat Panel Monitor

### Standard Image Processing Functions

- Crystal Clear™
- Black and White
- Organic / Inorganic Stripping
- Inverse Video
- High Penetration
- Pseudo Color
- Low Penetration
- Variable Edge Enhancement
- Variable Color Stripping
- Variable Gamma
- Variable Density
- Dynamic Continuous Zoom & Panning
- Fixed Zoom (64x)

The Rapiscan 620XR provides outstanding threat detection and a low total cost of ownership. The 620XR's innovative design allows for bi-directional operation, while ergonomic options such as its adjustable control panel stand make it easy to operate.

The Rapiscan 620XR holds the most and the largest number of global regularly approvals, by U.S. Transportation Security Administration (TSA), U.K. Department of Transport (DfT), French civil aviation authority (STAC), Civil Aviation Administration of China (CAAC) and Canadian Transport of Canada.

#### Automatic Detection of Explosives

Target™ automatically detects a wide range of explosives in real time during the scanning process by visibly highlighting a potential threat on the X-ray image.

#### Automatic Detection of Narcotics

NARCScan™ automatically detects a wide range of narcotics in real time during the scanning process by visibly highlighting a potential threat on the X-ray image.

#### Industry-Leading Operator Training

Rapiscan Systems offers three comprehensive operator training programs: On-system Operator Training Program (OTP); standalone Computer Based Training software (CBT); and live in-person training with expert trainers in a one-to-one or classroom setting. All Rapiscan CBT programs are in full compliance with U.S. Transportation Security Administration (TSA) and European Union (EU) Commission Regulation 185/2010 requirements.

#### Greatest Number of Operator-Assist Tools Enables Highest Throughput

With over 13 image processing tools and multiple automatic detection functions, the feature rich software helps the operator easily and accurately detect contraband for the highest throughput and least operator fatigue.

#### Regulatory Compliance

Rapiscan 618XR image quality performance is in compliance with regulation (EC) No. 300/2008. In addition, Rapiscan 618XR Threat Image Projection (TIP) is in compliance with regulation (EU) No. 185/2010.

# RAPISCAN 620XR

## Physical Specifications

Dimensions:	Length: 82.0 in. (2,082 mm) Width: 33.1 in. (840 mm) Height: 54.4 in. (1,382 mm)
Tunnel Size:	24.4 (W) x 16.5 in. (H) (620 mm x 420 mm)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Load:	364 lbs (165 Kg) evenly distributed
Approx Weight:	Net: 1,124 lbs (510 Kg)
System Power:	115/230 VAC ±10%, 60/50Hz

## X-Ray Generator and Image Performance\*

Steel Penetration:	28 mm guaranteed, 30 mm typical
Wire Resolution:	38 AWG guaranteed; 40 AWG typical
Material Separation:	Low Z, Medium Z, High Z to 0.5 Z accuracy
Generator Cooling:	Sealed oil bath with forced air
Anode Voltage:	Operating at 140KV
Tube Current:	0.7 mA
Orientation:	Vertically Upward

## High Penetration X-Ray Generator Option and Image Performance\*

Steel Penetration:	40 mm typical; 35 mm standard
Wire Resolution:	40 AWG typical; 38 AWG standard
Anode Voltage:	Operating at 160kV
Tube Current:	1.0 mA

## Operating Environment

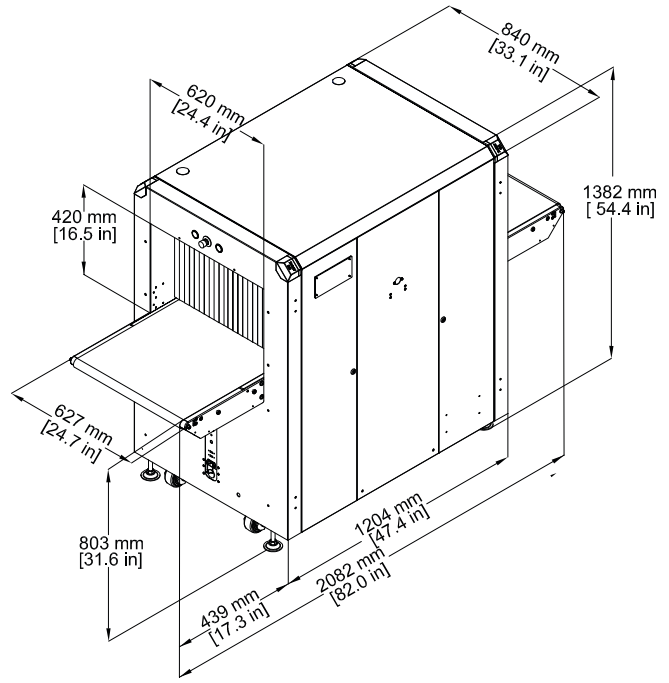
Storage Temperature:	-4° to 122°F (-20° to 50°C)
Operating Temperature:	32° to 104°F (0° to 40°C)
Relative Humidity:	5 to 95% non-condensing

## Protection Class

System:	IP20
Operator Control Panel:	IP43 <sup>2</sup>

## Options and Accessories

- Explosives Detection Alert (Target™)
- Narcotics Detection Alert (NARCScan™)
- Density Threshold Alert (DTA)
- Threat Image Projection (TIP)
- Threat Image Projection Network (TIPNet)
- Remote Image Archive Review (NETView™)
- Network X-ray management automation and Link system (NEXLink™)
- Multi-System Network Display Station (NDS)
- Automatic Image Archiving
- Enhanced Image Archiving
- Operator Training Program (OTP)
- Manual Scan
- Operator Pedestal
- Foot Mat
- Optical Operator Presence Sensor
- SmartCard Login
- Power Conditioner
- Conveyor Accessories
- Remote Workstation
- Adjustable Height Lift and Tilt Stand
- Universal Printer Support



## Regulatory

- TSA Air Cargo Screening Technology List (ACSTL) Qualified
- Transport Canada (TC) Air Cargo Qualified
- Regulation (EC) No. 300/2008 Compliant
- Regulation (EU) No. 2015/1998 Compliant
- EU Commissions Decision (EU) C(2015)8005 Compliant
- French Civil Aviation Authority (STAC) Certified
- UK Department for Transport (DfT) TIP Approved

## Health and Safety

Rapiscan Systems' cabinet X-ray products comply with all applicable U.S. FDA and equivalent international regulatory agency requirements, contained in the cabinet X-ray radiation safety performance standard [21 CFR 1020.40] and the general performance standard [21 CFR Part 1010] as well as IEC standard 61010-2-091.

Rapiscan baggage and parcel inspection systems radiation emission leakages are well below the required regulatory limits with less than 1µSv/hr at 10 cm from all surfaces of cabinet X-ray.

