### ADVANCED TECHNOLOGY FOR A SAFER WORLD

## RAPISCAN 618XR Mobile X-Ray Screening System





The Rapiscan 618XR is a compact and versatile X-ray screening system with exceptional image quality and excellent detection capabilities. The 618XR is designed for rapid relocation and can be wheeled through narrow doorways, making it an excellent system for schools, hotels, convention centers and event-based security environments.

Like all systems in the 600 series family of X-ray scanning solutions, the Rapiscan 618XR is built on a standardized platform that makes it easy to install and maintain, and comes with features such as dual-energy detection, a streamlined, ergonomic design, and Rapiscan's feature-rich OS600 system software.

#### Automatic Detection of Explosives

Target<sup>™</sup> 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<sup>™</sup> 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.

#### 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.



#### 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)

# RAPISCAN 618XR

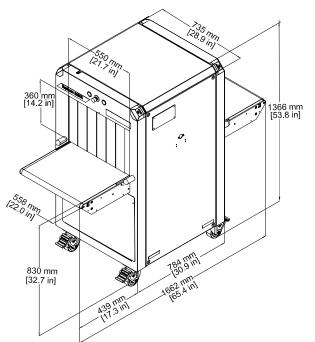
#### **Physical Specifications**

Dimensions:

Tunnel Size: Conveyor Speed: Conveyor Load: Approx Weight: System Power: Length: 65.4 in. (1,662 mm) Width: 28.9 in. (735 mm) Height: 53.8 in. (1,366 mm) 21.7 (W) x 14.2 in. (H) (550 mm x 360 mm) 0.20 m/sec (39.4 ft./min) 364 lbs (165 Kg) evenly distributed Net: 937 lbs (425 Kg) 115/230 VAC ±10%, 60/50Hz

#### X-Ray Generator and Image Performance\*

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



#### **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

#### Health and Safety

Rapiscan Systems' cabinet X-ray products comply with all applicable US 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]. Rapiscan Systems certifies each cabinet X-ray product has a maximum radiation emission leakage of less 1 µSv/hr (0.1 mR/hr) from all external surfaces of the cabinet X-ray system.

#### **Options and Accessories**

Target<sup>™</sup> / Interactive Target<sup>™</sup> (Automatic detection of solid explosives) NARCScan<sup>™</sup> (Automatic detection of narcotics) Density Threshold Alert (DTA) Threat Image Projection (TIP) Threat Image Projection Network (TIPNet) NETView<sup>™</sup> (Remote network image archive review) NEXLink<sup>™</sup> (Advanced network X-ray management automation and link system) Multi-System Alarm Resolution Network Display Station (NDS) Automatic Image Archiving Enhanced Image Archiving Computer Based Operator Training (CBT) Operator Training Program (OTP) Manual Scan Operator Pedestal Foot-mat Optical Operator Presence Sensor SmartCard Login Power Conditioner Conveyor Accessories Remote Workstation Universal Printer Support



