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
Physical Specifications

- **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
- **Net Weight:** 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

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™ / Interactive Target™** (Automatic detection of solid explosives)
- **NARCScan™** (Automatic detection of narcotics)
- **Density Threshold Alert (DTA)**
- **Threat Image Projection (TIP)**
- **Threat Image Projection Network (TIPNet)**
- **NETView™** (Remote network image archive review)
- **NEXLink™** (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**