



# SAFEGUARD SPECIAL EVENTS WITH X-RAY TECHNOLOGY

## XIS-6040 SE

The 6040 SE, is designed with unique mobility features for quick deployment and compact storage. The 6040 SE enables operators to identify explosives, guns, knives and contraband and is armed with AI capabilities.

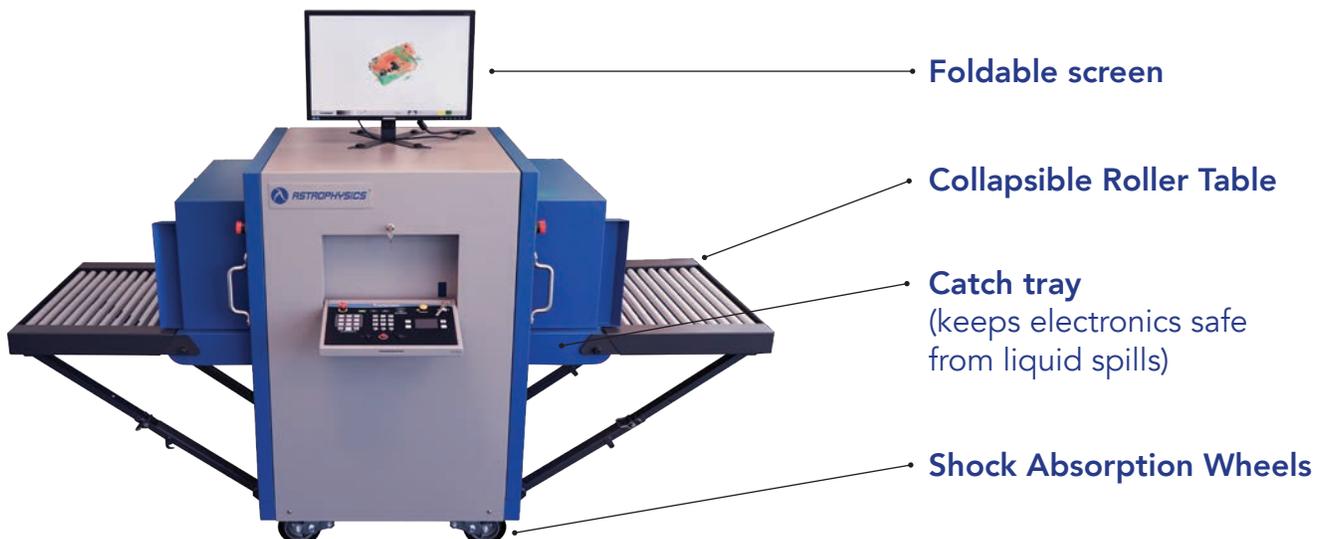
This security solution is designed for large indoor and outdoor events at any venue, including conventions, sporting events, schools and more. The XIS-6040 SE is a lean, compact and powerful mobile unit which ensures all events run safely and smoothly.

Astrophysics is headquartered in California, USA where our machines are designed and assembled. Astrophysics was founded in 2002 by Engineer & CEO Francois Zayek. The heart of Astrophysics is in product development and imaging technology. Today, we have more than 25,000 machines deployed in over 145 countries. We are the #1 X-Ray manufacturer in the critical infrastructure market and continue to grow year over year.

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**Known worldwide as the X-Ray innovator—**  
DRIVING THE INDUSTRY INTO THE TECHNOLOGY OF TOMORROW.

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### GENERAL SPECIFICATIONS

- Tunnel Opening: 60.0 cm x 40.0 cm  
(W x H) 23.64" x 15.76"
- Dimensions (Deployed)<sup>2</sup>: 242.6 cm x 80.4 cm x 184.2 cm  
(L x W x H) 95.5" x 31.7" x 72.5"
- Dimensions (Folded)<sup>2</sup>: 146.8 cm x 80.4 cm x 184.2 cm  
(L x W x H) 57.8" x 31.7" x 72.5"
- Net Weight<sup>2</sup>: 440 kg (970 lbs.)
- Shipping Weight<sup>2</sup>: 558 kg (1230 lbs.)
- Conveyor Speed: 23 cm/s (45 ft/min) Forward or Reverse
- Conveyor Height: 83.9 cm (33.03") from Floor
- Conveyor Capacity: 165 kg (364 lbs) Evenly Distributed Load

### TECHNICAL

- Wire Sensitivity: 40 AWG Typical, 38 AWG Standard
- Spatial Resolution: 1.0 mm Horizontal, 1.0 mm Vertical
- Steel Penetration<sup>1</sup>: 39 mm Typical, 37 mm Standard
- Contrast Sensitivity: 24 Visible Levels
- Film Safety: Guaranteed up to ISO 1600 (33 DIN)

### X-RAY GENERATOR

- Voltage: 160kV, Operating at 150kV
- Tube Current: 0.7 mA
- Cooling: Sealed Di-Electric Oil Bath with Forced Air
- Duty Cycle: 100%, No Warm-Up Procedure Required
- Beam Direction: Diagonally Upward

### COMPUTER

- Processor: Intel® Core i5
- Memory: 4 GB RAM
- Storage: 1 TB HDD, 240 GB SSD
- Platform: Windows® OS
- Backup: Uninterruptible Power Supply  
(Computer Operation - 20 min)

### VIDEO IMAGING

- Enhanced Imaging
- Display Type: Single 24" LCD Color Monitor
- Display Resolution: 1920 x 1200; 24 Bit/Pixel Color

### ENVIRONMENTAL

- Operating Temperature: 0°C - 40°C \ 32°F - 104°F
- Storage Temperature: -20°C - 60°C \ -4°F - 140°F
- Humidity: Up To 95% Non-Condensing

### ELECTRICAL

- Power Requirements: 110VAC ± 10%, 50/60Hz, 15 Amp Max  
220VAC ± 10%, 50/60Hz, 10 Amp Max

### HEALTH AND SAFETY

- Compliant with USFDA, Center for Devices and Radiation Health Standards for Cabinet X-Ray Systems (21-CFR 1020.40).
- Typical Radiation leakage is less than 0.1 mR/hr (Leakage less than 0.5 mR/hr permitted by the Federal Standard).

## Have questions?

Contact our team at [sales@astrophysicsinc.com](mailto:sales@astrophysicsinc.com)  
or call **909.598.5488**



<sup>1</sup> As tested on Astrophysics, Inc. Test Piece.

<sup>2</sup> Weight, dimensions and length of conveyor may vary depending on customization.

<sup>3</sup> Optional Features may affect lead time, price, and weight of XIS-6040. Please contact your Astrophysics Sales Representative for more information.

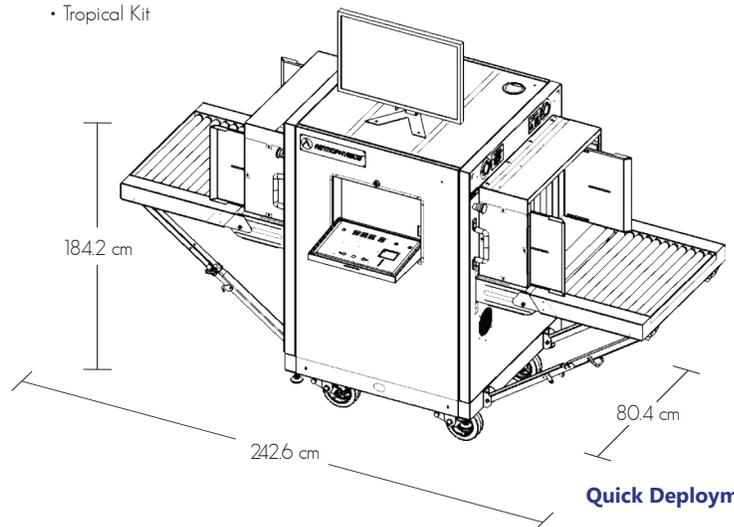
Due to continued product research and development, Astrophysics, Inc. reserves the right to amend all technical specifications without prior notice.

### STANDARD FEATURES

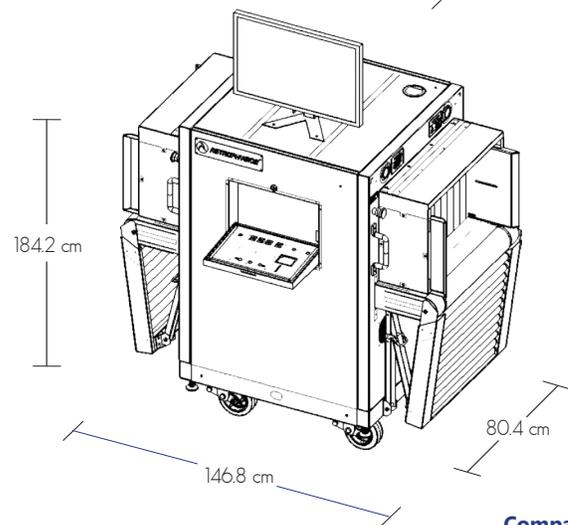
- 6 Color Imaging
- 9 Quadrant Zoom
- Atomic Z-Number Measurement
- Auto Image Archiving (150,000)
- Baggage Counter
- Color and Black / White Imaging
- Continuous Scanning
- Continuous Zoom up to 64x
- Geometric Image Distortion Correction
- High Penetration Function
- Heavy Duty Casters (Independent Suspension)
- Image Annotation
- Image Review
- JPEG Conversion
- Material Discrimination
- Multi-Tier Accessibility
- Network Ready
- Organic / Inorganic Imaging
- Operator Training Program (OTP)
- Real-Time Picture Perfect
- Print Image Capable
- Pseudo Color
- Real-Time Image Manipulation
- Real-Time Self Diagnostics
- Reverse Monochrome
- Save Image (RGB)
- Vertical Zoom Panning

### OPTIONAL FEATURES<sup>3</sup>

- Artificial Intelligence (AI)
- Custom Paint
- Density Alert Advanced
- Polar Kit
- Radiation Meter
- Screener Assist Software
- Test Case
- Tropical Kit



**Quick Deployment**



**Compact Storage**