

# XIS-6040SE™

## PRODUCT HIGHLIGHTS

Artificial Intelligence (AI)

Mobility Kit for Rapid Relocation

Spill Resistant Conveyor Belt

Foldable Conveyor

Enhanced Imaging™



## PRODUCT DESCRIPTION

The XIS-6040SE™ is a uniquely mobile X-Ray Inspection System (XIS) featuring shock-absorbing wheels, stainless-steel handles, collapsible roller tables, a foldable screen and a spill resistant conveyor belt. The ideal package solution, the XIS-6040SE™ is designed for special events, schools, and sports stadiums where effective threat detection requires power, mobility, and high throughput.

## ABOUT ASTROPHYSICS

Since 2002, Astrophysics has led the industry in research and development, creating integrated solutions to advance the critical security missions of our customers and partners. Headquartered outside of Los Angeles, CA in the USA, Astrophysics has over 40,000 systems deployed in more than 150 countries, safeguarding critical infrastructure, aviation, and ports and border sites worldwide.

# XIS-6040SE™

## GENERAL SPECIFICATIONS

Tunnel Size: (WxH)	60.0 cm x 40.0 cm 23.6" x 15.8"
Dimensions (Deployed): <sup>1</sup> (LxWxH)	242.6 cm x 80.4 cm x 184.2 cm 95.5" x 31.7" x 72.5"
Dimensions (Folded): <sup>1</sup> (LxWxH)	146.8 cm x 80.4 cm x 145.0 cm 57.8" x 31.7" x 57.1"
Shipping Dimensions: <sup>1</sup> (LxWxH)	158.8 cm x 96.5 cm x 168.9 cm 62.5" x 38.0" x 66.5"
Net Weight: <sup>1</sup>	481 kg (1060 lbs)
Shipping Weight: <sup>1</sup>	522 kg (1150 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Capacity:	165 kg (364 lbs) Evenly Distributed Load

## X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	160kV, Operating at 150kV
Tube Current:	0.7 mA
Wire Resolution: <sup>2</sup>	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>2</sup>	39 mm Typical, 37 mm Standard
Cooling:	Sealed Di-Electric bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Diagonally Upward

## COMPUTER & VIDEO

Platform:	Windows® 10 OS
Memory:	8 GB RAM
Storage:	256 GB SSD
Display Type:	24" Flat Panel Monitor
Display Resolution:	1920 x 1200

## ENVIRONMENTAL

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

## ELECTRICAL

System Power:	110VAC +/- 10% 50/60Hz, 15 Amp Max 220 VAC +/- 10% 50/60Hz, 10 Amp Max
Power Conditioner:	Automatic Voltage Regulator (AVR), 600VA

## HEALTH & 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 U.S. Federal Standards)

## 180KV GENERATOR UPGRADE

Penetration:<sup>2</sup> 41 mm Steel Typical, 39 mm Standard

## ISO 9001 & ISO 14001 CERTIFIED



<sup>1</sup>Weight and dimensions of the system may vary depending on customization.

<sup>2</sup>As tested on Astrophysics Inc. Test Piece.

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

Due to continued product development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.  
Contact [sales@astrophysicsinc.com](mailto:sales@astrophysicsinc.com) for the most updated brochures.

## FEATURES

### STANDARD

- 3 & 6 Color Imaging
- Black & White Imaging
- Enhanced Imaging™
- High Penetration Function
- Organic/Inorganic Imaging
- Pseudo Color
- Reverse Monochrome
- Atomic Z-Number Measurement
- Geometric Image Distortion Correction
- Material Discrimination
- Real-Time Image Manipulation
- Auto Image Archiving
- Image Review
- Save Image (RGB)
- Image Annotation
- JPEG Conversion
- Print Image Capable
- Multi-Tier Accessibility
- Network Ready
- Real-Time Self Diagnostics
- Baggage Counter
- Built-in Mobility Kit
- Built-in Roller Tables
- Liquid Catch Tray Conveyor
- Roller Bed
- 9 Quadrant Zoom
- Continuous Scanning
- Continuous Zoom Up to 64x
- Vertical Zoom Panning

### OPTIONAL

- Artificial Intelligence (AI)
- Density Alert
- Local Language
- Safe Passage® Computer Based Training
- Screener Assist Software
- Threat Image Projection (TIP) Software
- Conveyor Capacity Load Increase
- External USB Ports
- Variable Conveyor Speed
- Custom Paint
- Environmental Kit
- Internal/External UPS
- Radiation Meter

## COMPACT STORAGE



## QUICK DEPLOYMENT



CHECKPOINT

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