



# XIS-6040SE™



sales@astrophysicsinc.com | www.astrophysicsinc.com

## PRODUCT HIGHLIGHTS

Optional Syntech SOLUTION™  
Artificial Intelligence Software

Compact Design for Easy Storage

Heavy-Duty Casters with Shock  
Absorbers for Easy Relocation

Spill Resistant Conveyor Belt

Real-Time Diagnostics

The XIS-6040SE™ is a uniquely mobile X-Ray Inspection System (XIS) designed for rapid deployment, with shock-absorbing wheels, stainless-steel handles, collapsible roller tables, and a foldable screen.

The XIS-6040SE is an ideal solution for **S**pecial **E**vents, schools, and sports stadiums where effective threat detection requires power, mobility, and high throughput. The spill resistant belt protects the machine's electronics, so users do not have to remove liquid containers from their bags before passing them through the system.

Astrophysics' optional AI software, Syntech SOLUTION™, detects guns and knives with incredible precision and accuracy. Fully-integrated, Syntech SOLUTION™ automatically stops the belt when it detects a threat and isolates it with a colored box on-screen, for an unmatched level of safety. Combined with Astrophysics' best-in-class software, XIS-6040SE allows operators to identify threats with greater speed and accuracy, ensuring the safety of guests with the ultimate in imaging detection.

The Astrophysics XIS-6040SE is designed and assembled in the United States to the highest quality standards. For nearly twenty years, Astrophysics has led the industry in research and development, creating integrated solutions to advance the critical security missions of our customers and partners.

**GENERAL SPECIFICATIONS**

Tunnel Size:	60.0 cm x 40.0 cm
(WxH)	23.64" x 15.76"
Dimensions (Deployed): <sup>1</sup>	242.6 cm x 80.4 cm x 184.2 cm
(LxWxH)	95.5" x 31.7" x 72.5"
Dimensions (Folded): <sup>1</sup>	146.8 cm x 80.4 cm x 145 cm
(LxWxH)	57.8" x 31.7" x 57.1"
Net Weight: <sup>1</sup>	440 kg (970 lbs)
Shipping Weight: <sup>1</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 Resolution:	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>2</sup>	39 mm Typical, 37 mm Standard

**X-RAY GENERATOR & IMAGE PERFORMANCE**

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

**COMPUTER & VIDEO**

Platform:	Windows® OS
Power Conditioner:	Automatic Voltage Regulator (AVR), 600VA
Memory:	4 GB RAM
Storage:	1 TB HDD, 240 GB SSD
Display Type:	Single 24" Flat Panel Color Monitor
Display Resolution:	1920 x 1200; 24 Bit/Pixel Color

**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

**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)



ISO 9001: 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 research and development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.

**STANDARD FEATURES**

- 6 Color Imaging
- Color and Black/White Imaging
- Geometric Image
- Distortion Correction
- High Penetration Function
- Organic/Inorganic Imaging
- Picture Perfect
- Pseudo Color
- Real-Time Image Manipulation
- Reverse Monochrome
- Atomic Z-Number Measurement
- Material Discrimination
- 9 Quadrant Zoom
- Continuous Scanning
- Continuous Zoom Up to 64x
- Vertical Zoom Panning
- 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

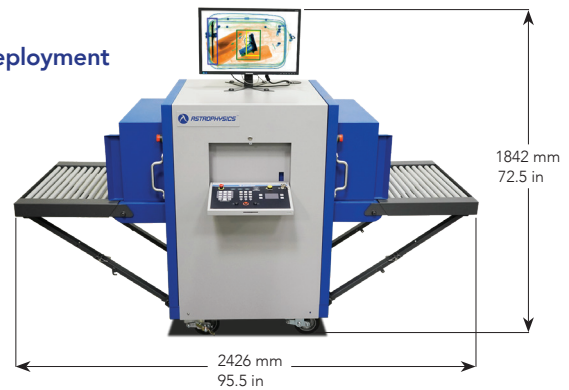
**OPTIONAL FEATURES<sup>3</sup>**

- Artificial Intelligence (AI)
- Density Alert
- Enhanced Imaging Mode (EI)
- Local Language
- Safe Passage®
- Computer Based Training
- Screener Assist Software
- Threat Image Projection (TIP) Software
- Custom Paint
- Environmental Kit
- Radiation Meter
- Uninterruptible Power Supply (UPS)

**Compact Storage**



**Quick Deployment**



**Astrophysics HQ**  
+1.909.598.5488

**Astrophysics - DC**  
+1.202.350.9740

**Astrophysics - HOUSTON**  
+1.713.357.5132

**Astrophysics - EMEA**  
+961.9.832.500/1/2

**Astrophysics - INDIA**  
+91.11.41709990

**Astrophysics - ASIA**  
+63.2.546.1741