

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 45,000 systems deployed in more than 180 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): ¹ (LxWxH)	242.6 cm x 80.4 cm x 184.2 cm 95.5" x 41.6" x 72.5"
Dimensions (Folded): ¹ (LxWxH)	146.8 cm x 80.4 cm x 145.0 cm 57.8" x 32.5" x 57.1"
Shipping Dimensions: ¹ (LxWxH)	158.8 cm x 96.5 cm x 168.9 cm 62.5" x 38.0" x 66.5"
Net Weight: ¹	481 kg (1060 lbs)
Shipping Weight: ¹	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: ²	40 AWG Typical, 38 AWG Standard
Steel Penetration: ²	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® 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

Penetration²: 41 mm Steel Typical, 39 mm Standard

ISO 9001 & ISO 14001 CERTIFIED



¹Weight and dimensions of the system may vary depending on customization.

²As tested on Astrophysics Inc. Test Piece.

³Optional 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 for the most updated brochures.

FEATURES

STANDARD

3 & 6 Color Imaging
Black & White Imaging
Enhanced Imaging™
High Penetration Function
Hold to Preview Imaging Functions
Inverse Color
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)

JPEG Conversion
Print Image Capable

Multi-Tier Accessibility
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
Network Ready
Safe Passage® Computer Based Training
Screener Assist Software
Threat Image Projection (TIP) Software

Conveyor Capacity Load Increase
External USB Ports
LED Upgrade
Touchscreen
Variable Conveyor Speed

Custom Paint
Environmental Kit
Internal/External UPS
Radiation Meter

COMPACT STORAGE



QUICK DEPLOYMENT



CHECKPOINT

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