

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 35,000 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): ¹ (LxWxH) | 242.6 cm x 80.4 cm x 184.2 cm 95.5" x 31.7" x 72.5" |
| Dimensions (Folded): ¹ (LxWxH) | 146.8 cm x 80.4 cm x 145.0 cm 57.8" x 31.7" 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: | 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® 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

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
- 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

DCO#2990 P/N 50-00-PB103-00 Rev. D

Astrophysics HQ
+1.909.598.5488

Astrophysics – EMEA
+961.9.832.500

Astrophysics – INDIA
+91.11.41709990

Astrophysics – ASIA
+63.2.812.0033