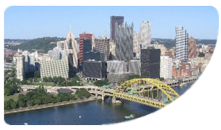
Astrophysics Inc.
Tomorrow's Technology for Today's Security





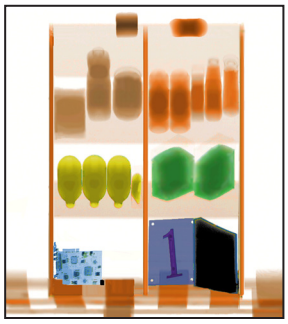
XIS-6040

TSA QUALIFIED

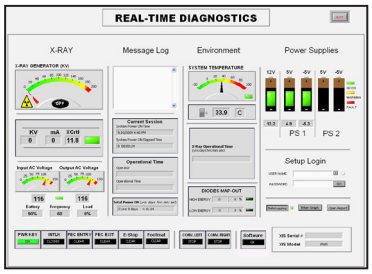
Flexible System Design

Checkpoint Security: Small Baggage and Parcel Inspection

6 Color Imaging



Real-Time Diagnostics





The XIS-6040 X-Ray Inspection System features a tunnel opening of **60.0 x 40.0 cm** (23.6" x 15.7"). The XIS-6040 offers a compact design with increased dimensions to enable a **wider range of placement** and **screening of more diverse objects**.

The XIS-6040 has found placement at hotels, prisons, government sites, and transportation hubs. With its small frame, the XIS-6040 maintains **high mobility**, but with a wider tunnel size for varied application.

With a **powerful 160 kV generator**, the XIS-6040 provides crisp, high resolution images due to its advanced software and **superior processing technology**.

Astrophysics has the **fastest delivery times.** We offer immediate screening solutions with **unparalleled order flexibility and customization.**

All XIS Systems are equipped with **Real-Time Diagnostics,** a unique Astrophysics feature which allows users to monitor their machine health, thus greatly **increasing the system lifespan.**

An exclusive Astrophysics standard feature, **6 Color Imaging** enables operators to view screened objects in 6 colors, with each color correlating to a specific range of Atomic Z-Numbers. 6 Color Imaging enables operators to achieve **optimal material identification** and improve throughput with more effective screening technology.

Backed by a team of experts with more than **100 years of combined industry experience,** Astrophysics has the expansive knowledge you expect, all with a focus on X-Ray that assures customers the **XIS product is the industry best.**

The XIS Series features **top-of-the-line software and hardware technology** establishing Astrophysics as the **leader in innovation and quality.**

Astrophysics is headquartered in the United States, but maintains multiple field offices worldwide for **localized support.**

For your convenience, we also retain a dedicated Sales and Service team committed to providing a **personalized and timely response 24/7.**

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XIS-6040

General Specifications

• Tunnel Size:	60.0 cm x 40.0 cm
(W x H)	23.6" x 15.7"
• Dimensions:	142.0 cm x 84.9 cm x 125.5 cm
(L x W x H)	55.9" x 33.4" x 49.4"
• Shipping Dimensions:	152.4 cm x 96.5 cm x 154.9 cm
(L x W x H)	60.0" x 38.0" x 61.0"
• Net Weight[2]:	389 kg (856 lbs)
• Shipping Weight[2]:	489 kg (1076 lbs)
• Conveyor Speed:	23 cm/s (44 ft/min) Forward or Reverse
• Conveyor Height:	72.5 cm (28.5") from Floor
• Conveyor Capacity:	165 kg (364 lbs) Evenly Distributed Load
• Construction:	Custom Steel Frame / Panels

Technical

• Sensitivity:	40 AWG Typical, 38 AWG Standard
• Spatial Resolution:	1.0 mm Horizontal, 1.0 mm Vertical
• Steel Penetration[1]:	39 mm Typical, 37 mm Standard
• Contrast Sensitivity:	24 Visible Levels, 4096 Gray Level

X-Ray Generator

• Voltage:	160 kV Operating at 150 kV
• 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
• Detector:	1152 Channels in an L-Shaped Array

Computer

• Processor:	Intel Core2 Quad, 2.66 Ghz, 1333 MHz
• Memory:	2 GB RAM at 1333 MHz
• Storage:	250 GB HDD
• Video Card:	256 MB Video Card, Dual Digital Display
• Platform:	Windows XP Pro
• Backup:	Uninterrupted Power Supply (20 min)

Video

• Display Type:	Single 19" LCD Color Monitors
• Display Resolution:	1280 x 1024; 24 bit/pixel Color

Environmental

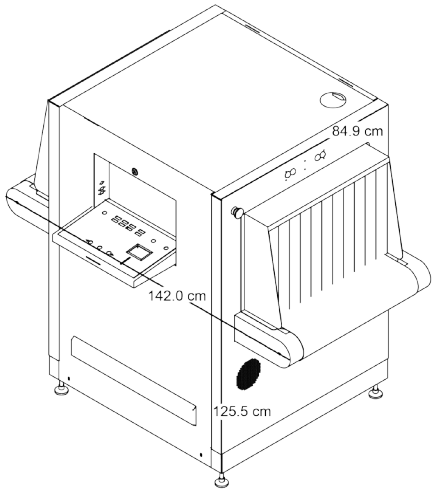
• Operating Temperature:	0°C - 40°C \ 32°F - 104°F
• Storage Temperature:	-20°C - 60°C \ -4°F - 140°F
• Humidity:	Up to 95% Non-Condensing

Electrical

• Power Requirements:	110VAC: 96-132 VAC, 60 HZ. 15 Amp Max
	220VAC: 183-253 VAC, 50 Hz. 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).



Standard Features

- 6 Color Imaging
- 9 Quadrant Zoom
- Atomic Z-Number Measurement
- Auto Image Archiving (50,000 Images)
- Baggage Counter
- Color and Black / White Imaging
- Continuous Scanning
- Continuous Zoom 2x to 32x
- Density Alert
- Edge-Enhancement Imaging
- Geometric Image Distortion Correction
- High Penetration Function
- Heavy Duty Roller Casters
- Image Annotation
- Image Review (100 Images)
- Manual Bitmap Archive
- Material Discrimination
- Multi-Tier Accessibility
- Network Ready
- Organic/Inorganic Imaging
- Operator Training Program
- Picture Perfect
- Print Image Capable
- Pseudo Color
- Real-Time Image Manipulation
- Real-Time Self Diagnostics
- Reverse Monochrome
- Vertical Zoom Panning

Optional Features[3]

- 24" LCD Monitors
- ASTM 10 Stepwedge/ASTM F0792-01E2 Test Case
- Climate Variable Operating Kit
- Custom Paint
- Entry / Exit Roller Tables, 0.5 m increment
- Extended Image Archiving (100,000 Images)
- Footmat Operator Interlock
- Heavy Duty Rubber Casters
- Local Language Support (Arabic, Chinese, French, Spanish, and more)
- Radiation Meter
- Remote Configuration
- Screener Assist Threat Detection Software
- Supervisor Workstation
- Suspect Search Station
- Threat Image Projection Software

Distributor Stamp

[1]As tested on Astrophysics Inc. Test Piece.
[2]Weight of the System may vary depending on customization.
[3]Optional Accessories 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.

P/N 05-00-PB06-00 Rev.D

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