



# XIS-5335S



## FEATURE HIGHLIGHTS

Small Footprint

Roller Casters for Easy Relocation

High Image Resolution with 24-Bit Color

Enhanced Material Discrimination

Windows Operating System with Intel Core Processor

160kV Generator

The XIS-5335S is a compact and powerful X-Ray Inspection System (XIS) designed for screening small objects in locations requiring easy installation and relocation through doorways and hallways.

High resolution images and Astrophysics best-in-class analytic software allows the XIS-5335S to identify materials, recognize objects, and isolate threats with greater speed and accuracy.

Easy to maneuver, the XIS-5335S is an ideal compact checkpoint security solution. It offers enhanced imaging and high-powered protection against threats from weapons and contraband.

The XIS-5335S is a product of Astrophysics' commitment to quality and innovation. For nearly twenty years, we have led the industry in research and development, creating integrated solutions to advance our customers' critical security missions.

**GENERAL SPECIFICATIONS**

Tunnel Size:	53.3 cm x 35.8 cm (WxH) 21.0" x 14.1"
Dimensions: <sup>2</sup> (LxWxH)	133.1 cm x 76.4 cm x 122.5 cm 52.4" x 30.1" x 48.2"
Net Weight: <sup>2</sup>	297 kg (654 lbs)
Shipping Weight: <sup>2</sup>	505 kg (1113 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	72.9 cm (28.7") from Floor
Conveyor Capacity:	165 kg (364 lbs) Evenly Distributed Load

**TECHNICAL**

Wire Resolution:	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>1</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 Oil Bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Diagonally Upward
Detector:	1024 Channels in an L-Shaped Array

**COMPUTER & VIDEO**

Platform:	Windows® OS
Backup:	Automatic Voltage Regulator (AVR)
Display Type:	Single 19" LCD Color Monitor
Display Resolution:	1280 x 1024; 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:	110 VAC +/- 10% 50/60Hz, 15 Amp Max 220VAC +/- 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 the Federal Standard)

**STANDARD FEATURES**

- 6 Color Imaging
- 9 Quadrant Zoom
- Atomic Z-Number Measurement
- Auto Image Archiving
- Baggage Counter
- Color and Black/White Imaging
- Continuous Scanning
- Continuous Zoom Up to 64x
- Geometric Image
- Distortion Correction
- High Penetration Function
- Image Annotation
- Image Review
- JPEG Conversion
- Material Discrimination
- Multi-Tier Accessibility
- Network Ready
- Organic/ Inorganic Imaging
- Picture Perfect
- Print Image Capable
- Pseudo Color
- Real-Time Image Manipulation
- Real-Time Self Diagnostics
- Reverse Monochrome
- Save Image (RGB)

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

- 24 LCD Monitor
- Barcode Scanning
- Custom Paint
- Density Alert Advanced<sup>4</sup>
- Dual Monitors (19" or 24" LCD)
- Entry/Exit Roller Tables
- Environmental Kit
- Footmat Operator Interlock
- Heavy Duty Casters
- Local Language
- Long Conveyor<sup>5</sup>
- Mobility Kit
- Radiation Meter
- Remote Workstation Configuration
- Safe Passage®
- Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Protection (TIP) Software
- Uninterrupted Power Supply (UPS)



ISO 9001:2015 Certified

<sup>1</sup>As tested on Astrophysics Inc. Test Piece.

<sup>2</sup>Weight and dimensions of the system may vary depending on customization.

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

<sup>4</sup>Not available for dual-view systems or V17.

<sup>5</sup>Conveyor length will vary depending on systems dimensions.

Due to continued product research and development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.

**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