

XIS-5335TM



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PRODUCT HIGHLIGHTS

Small Footprint

High Image Resolution with 24-Bit Color

Enhanced Material Discrimination

Windows Operating System with Intel® Core™ Processor

Picture Perfect Image Analysis

The XIS-5335TM is a compact X-Ray Inspection System (XIS) designed for screening backpacks, purses, and small packages. With its small footprint, the system can operate in confined places and fit through standard doorways, for easy relocation.

Equipped with Astrophysics multi-color discrimination and advanced image analysis tools, the XIS-5335 offers effective screening and high-quality imaging. Operators can perform a full analysis with the system's sophisticated screening filters, allowing them to reliably identify threats while ensuring high throughput at even the busiest checkpoints.

Featuring the best in compact checkpoint security, the XIS-5335 provides high-quality images and greater protection for mailrooms, hotels, and other critical sites that require advanced threat detection.

The Astrophysics XIS-5335 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.

TOMORROW'S TECHNOLOGY FOR TODAY'S SECURITYTM

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GENERAL SPECIFICATIONS

Tunnel Size:	53.3 cm x 35.8 cm (WxH) 21.0" x 14.1"
Dimensions: ¹ (LxWxH)	133.1 cm x 76.4 cm x 122.5 cm 52.4" x 30.1" x 48.2"
Net Weight: ¹	274 kg (604 lbs)
Shipping Weight: ¹	342 kg (754 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: ²	12 mm Typical, 10 mm Standard

X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	90kV, Operating at 84kV
Tube Current:	0.6 mA
Cooling:	Sealed Di-Electric Oil Bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Diagonally Upward

COMPUTER & VIDEO

Platform:	Windows® OS
Memory:	4 GB RAM
Storage Capacity:	1 TB HDD, 240 GB SSD
Power Conditioner:	Automatic Voltage Regulator (AVR), 600 VA
Display Type:	Single 19" Flat Panel 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
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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)

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

OPTIONAL FEATURES³

- Barcode Scanning
- Density Alert
- Local Language
- Safe Passage®
- Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- 24" Flat Panel Monitor
- Custom Paint
- Dual Monitors (19" or 24")
- Environmental Kit
- Entry/Exit Roller Tables
- Footmat Operator Interlock
- Heavy Duty Casters
- Mobility Kit
- Radiation Meter
- Remote Workstation Configuration
- Uninterruptible Power Supply (UPS)



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

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