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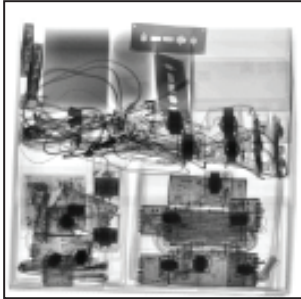
Products, Solution, Services

XIS-5335

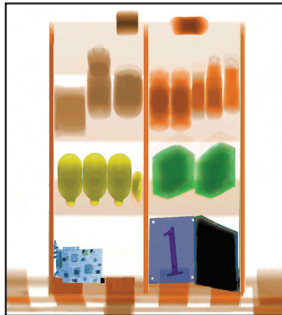
Superior Compact Screening

Checkpoint Security: Mail and Small Parcel Inspection

Picture Perfect Imaging



6 Color Imaging



The XIS-5335 is a compact X-Ray Inspection System with tunnel dimensions **53.3 x 35.4 cm** (21" x 13.9"). The XIS-5335 is the smallest system in the XIS series and is designed for screening objects ranging from **mailroom parcels to purses and backpacks**.

The XIS-5335 has been installed at various checkpoint locations including **government buildings, private hotels, and corporate mailrooms**. Mounted on a compact frame with heavy duty roller casters, the XIS-5335 can be **easily relocated** to any site in need of an **immediate screening solution**.

The XIS-5335 offers the best in compact checkpoint security: **quality, low cost ownership, flexibility and performance**.

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

Exclusive Astrophysics standard features, **Picture Perfect** allows for greater **image clarity** while **6 Color Imaging** allows 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.

Astrophysics hosts multiples research departments for **continued product improvement and integration of new technologies** for x-ray superiority.

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

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**.

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**.

General Specifications

- Tunnel Size: 53.3 cm x 35.4 cm
(W x H) 21.0" x 13.9"
- Dimensions: 132.0 cm x 86.7 cm x 123.0 cm
(L x W x H) 52.0" x 34.1" x 48.4"
- Shipping Dimensions: 147.3 cm x 88.9 cm x 151.1 cm
(L x W x H) 58.0" x 35.0" x 59.5"
- Net Weight²: 284 kg (625 lbs)
- Shipping Weight²: 402 kg (884 lbs)
- Conveyor Speed: 23 cm/s (44 ft/min) Forward or Reverse
- Conveyor Height: 73.0 cm (28.7") from Floor
- Conveyor Capacity: 165 kg (363 lbs) Evenly Distributed Load
- Construction: Custom Steel Frame / Panels

Technical

- Sensitivity: 39 AWG Typical, 38 AWG Standard
- Spatial Resolution: 1.0 mm Horizontal, 1.0 mm Vertical
- Steel Penetration¹: 12 mm Typical, 10 mm Standard
- Contrast Sensitivity: 24 Visible Levels, 4096 Gray Level

X-Ray Generator

- Voltage: 90 kV Operating at 80 kV
- 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
- Detector: 1024 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 Monitor
- Display Resolution: 1280 x 1024; 24 bit/pixel Color

Environmental

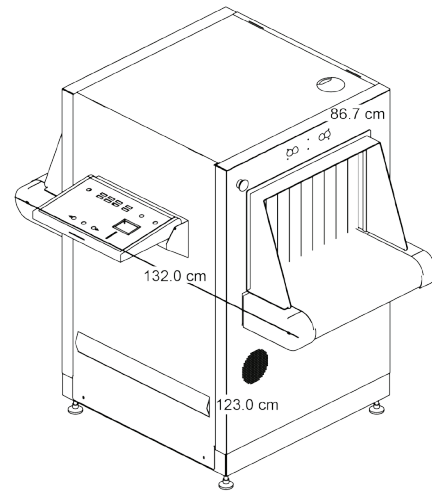
- Operating Temperature: 0°C - 40°C \ 32°F - 104°F
- Storage Temperature: -20°C - 60°C \ -4°F - 140°F
- Humidity: Up to 95% Non-Condensing

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)
- Material Discrimination
- Multi-Tier Accessibility
- Network Ready
- Organic/Inorganic Imaging
- Operator Training Program
- Picture Perfect
- Print Image Capable
- Pseudo Color
- Real-Time Image Manipulation
- Reverse Monochrome
- Vertical Zoom Panning

Optional Features³

- ASTM 10 Stepwedge/ASTM F0792-01E2 Test Case
- Climate Variable Operating Kit
- Custom Paint
- Entry / Exit Roller Tables, 0.5 m increment
- Extended Auto 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
- Supervisor Workstation
- Suspect Search Station
- Threat Image Projection Software

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