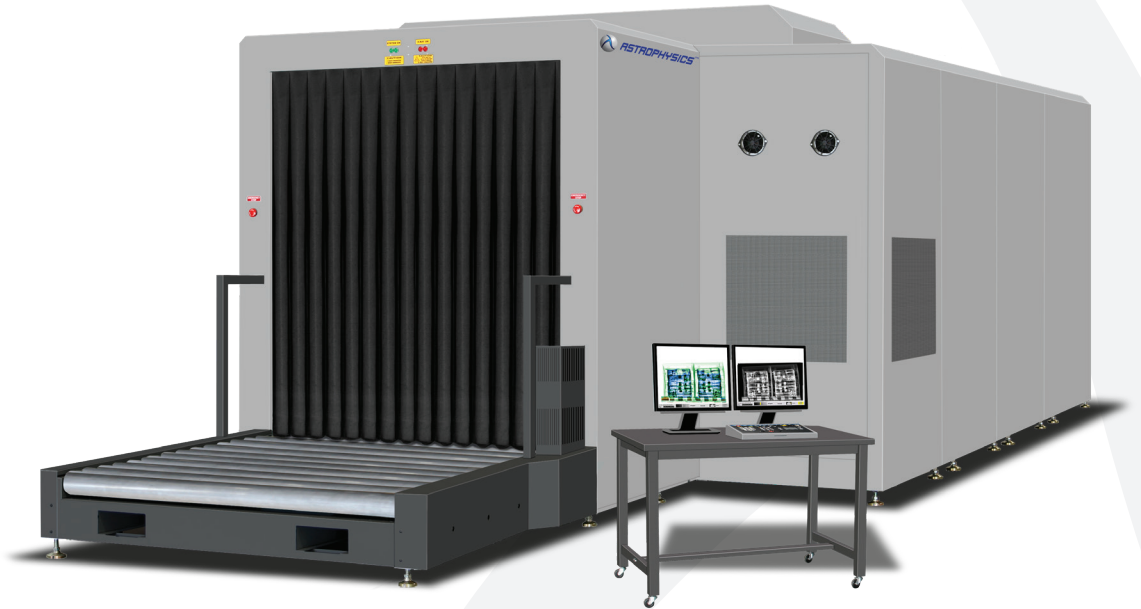




320kV

XIS-1517DV™



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PRODUCT HIGHLIGHTS

Dual 320kV Generators

80 mm Steel Penetration

40 AWG Wire Resolution

Enhanced Material Discrimination

Real-Time Diagnostics

Picture Perfect Image Analysis

The XIS-1517DV 320kV™ is a powerful X-Ray Inspection System (XIS) designed for screening cargo at airports, customs centers, transit hubs, and freight facilities. Its two 320kV generators provide the highest level of steel penetration and image resolution of any cargo system its size. For higher throughput, its heavy roller bed is only 35.6 cm (14") above the floor, convenient for loading and unloading freight.

Its dual generators provide operators with two views of scanned objects, from the top and from the side. Each view can be manipulated independently, ensuring thorough inspections of dense, tightly-packs cargo skids. Combined with Astrophysics' best-in-class software, the XIS-1517DV 320kV allows operators to recognize objects, identify materials, and isolate threats with greater speed and accuracy.

The Astrophysics XIS-1517DV 320kV 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.

GENERAL SPECIFICATIONS

| | |
|-------------------------------------|---|
| Tunnel Size: (WxH) | 152.4 cm x 170.2 cm 60.0" x 67.0" |
| Dimensions: ¹ (LxWxH) | 1116.4 cm x 281.3 cm x 304.8 cm 440.0" x 110.7" x 120.0" |
| Net Weight: ¹ | 16000 kg (35275 lbs) |
| Shipping Weight: ¹ | 20000 kg (44095 lbs) |
| Roller Bed Speed: | 20 cm/s (40 ft or 12m/min) Forward or Reverse |
| Roller Bed Height: | 35.5 cm (14.0") from Floor |
| Roller Bed Capacity: | 2000 kg (4409 lbs) Evenly Distributed Load |

TECHNICAL

| | |
|---------------------------------|---------------------------------|
| Wire Resolution: | 40 AWG Typical, 38 AWG Standard |
| Steel Penetration: ² | 80 mm Typical, 75 mm Standard |

X-RAY GENERATOR & IMAGE PERFORMANCE

| | |
|-----------------|--|
| Voltage: | Dual 320kV Generators |
| Tube Current: | Dual 7.0 mA |
| Cooling: | Integrated Cooler Unit with Forced Air |
| Beam Direction: | Horizontally Sideward, Vertically Downward |

COMPUTER & VIDEO

| | |
|---------------------|--|
| Platform: | Windows® OS |
| Backup: | Uninterruptible Power Supply (UPS) (Computer Operation) |
| Display Type: | Dual 24" Flat Panel Color Monitors |
| Display Resolution: | 1600 x 1200; 24 Bit/Pixel Color |

ENVIRONMENTAL

| | |
|------------------------|-------------------------------|
| Operating Temperature: | 0°C to 40°C / 32F to 104F |
| Storage Temperature: | -20°C to 60°C / -4°F to 140°F |
| Humidity: | Up to 95% non-condensing |

ELECTRICAL

| | |
|---------------|-------------------------------------|
| System Power: | 220VAC +/- 10% 50/60Hz, 100 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
- 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 Protection (TIP) Software
- Custom Paint
- Entry/Exit Roller Tables
- Environmental Kit
- Conveyor Capacity 3000kg (6614lbs)
- Evenly Distributed Load
- Footmat Operator Interlock
- Mobility Kit
- Radiation Meter

MACHINE NOT AVAILABLE FOR PHOTOS. AWAITING MECHANICAL DRAWINGS FROM ENGINEERING.



ISO 9001: 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 research and development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.

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