

200kV

# XIS-1517DV™



## PRODUCT HIGHLIGHTS

Dual X-Ray Imaging

Enhanced Material Discrimination

Picture Perfect Image Analysis

High Image Resolution with  
24-Bit Color

Windows Operating System  
with Intel® Core™ Processor

Real-Time Diagnostics

The XIS-1517DV™ 200kV is a dual-view X-Ray Inspection System (XIS) designed for screening dense, bulky cargo. Its dual 200kV generators provide 50 mm of steel penetration and clear, high-resolution images, making it an ideal solution for airports, logistics centers, customs facilities, and military bases. Its heavy roller bed is only 38.3 cm (15") above the floor, convenient for loading and unloading freight.

The XIS-1517DV provides operators with two views of scanned objects, from the top and from the side. Each view can be manipulated independently, ensuring detailed and reliable inspections of tightly-packed cargo pallets. Combined with Astrophysics' best-in-class software, the XIS-1517DV 200kV allows operators to recognize objects, identify materials, and isolate threats with greater speed and accuracy.

The Astrophysics XIS-1517DV 200kV 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:	150.2 cm x 170.2 cm
(WxH)	59.1" x 67.01"
Dimensions: <sup>1</sup>	853.1 cm x 259.1 cm x 286.3 cm
(LxWxH)	335.9" x 102" x 112.7"
Net Weight: <sup>1</sup>	5300 kg (11685 lbs)
Shipping Weight: <sup>1</sup>	5920.3 kg (13052 lbs)
Roller Bed Speed:	20 cm/s (40 ft or 12m/min)
	Forward or Reverse
Roller Bed Height:	38.3 cm (15.0") from Floor
Roller Bed Capacity:	2000 kg (4409 lbs) Evenly Distributed Load

**TECHNICAL**

Wire Resolution:	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>2</sup>	52 mm Typical, 50 mm Standard

**X-RAY GENERATOR & IMAGE PERFORMANCE**

Voltage:	Dual 200kV
Tube Current:	Dual 1.0 mA
Duty Cycle:	100%, No Warm Up Procedure Required
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:	110VAC +/- 10% 50/60Hz, 20 Amp Max
	220 VAC +/- 10% 50/60Hz, 15 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 U.S. Federal Standards)



ISO 9001: Certified

<sup>1</sup>Weight and dimensions of the system may vary depending on customization.

<sup>2</sup>As tested on Astrophysics Inc. Test Piece.

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

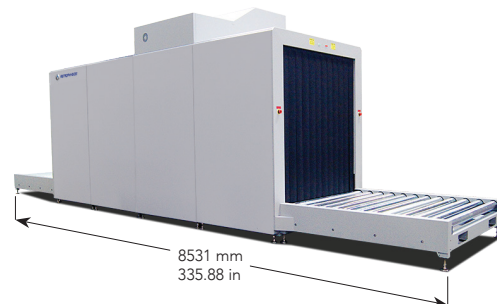
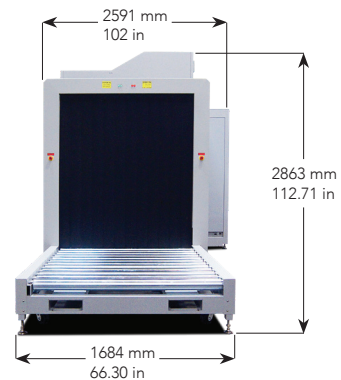
Due to continued product research and development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.

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

- Barcode Scanning
- Density Alert
- Local Language
- Safe Passage®
- Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- Custom Paint
- Entry/Exit Roller Tables
- Environmental Kit
- Conveyor Capacity 3000kg (6614lbs)
- Evenly Distributed Load
- Footmat Operator Interlock
- Mobility Kit
- Radiation Meter
- Remote Workstation Configuration



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