

# XIS-1517DV™ 200kV

## PRODUCT HIGHLIGHTS

Dual 200kV Generator

Real-Time Diagnostics

Picture Perfect Image Analysis

Enhanced Imaging™ (EI)

Field Proven Reliability



## PRODUCT DESCRIPTION

The XIS-1517DV™ 200kV is a dual-view X-ray Inspection System (XIS) designed for cargo screening. The system features a heavy duty roller bed only 38.3 cm (15") above the floor, convenient for loading and unloading freight. Its dual 200kV generators provide 52 mm of steel penetration and clear, high-resolution images, making it an ideal solution for airports, logistics centers, and customs facilities.

## ABOUT ASTROPHYSICS

Since 2002, Astrophysics has led the industry in research and development, creating integrated solutions to advance the critical security missions of our customers and partners. Headquartered outside of Los Angeles, CA in the USA, Astrophysics has over 35,000 systems deployed in more than 150 countries, safeguarding critical infrastructure, aviation, and ports and border sites worldwide.

# XIS-1517DV™ 200kV

## GENERAL SPECIFICATIONS

Tunnel Size: (WxH)	150.2 cm x 170.2 cm 59.1" x 67.0"
Dimensions: <sup>1</sup> (LxWxH)	853.1 cm x 259.1 cm x 286.3 cm 335.9" x 102.0" x 112.7"
Net Weight: <sup>1</sup>	5300 kg (11685 lbs)
Shipping Weight: <sup>1</sup>	5920.3 kg (13052 lbs)
Conveyor Speed:	20 cm/s (40 ft or 12m/min) Forward or Reverse
Conveyor Height:	38.3 cm (15.0") from Floor
Conveyor Capacity:	3000 kg (6613 lbs) Evenly Distributed Load

## X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	Dual 200kV
Tube Current:	Dual 1.0 mA
Wire Resolution:	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>2</sup>	52 mm Typical, 50 mm Standard
Cooling:	Sealed Di-Electric Oil Bath with Forced Air
Duty Cycle:	100%, No Warm Up Procedure Required
Beam Direction:	Horizontally Sideward, Vertically Downward

## COMPUTER & VIDEO

Platform:	Windows® 10 OS
Display Type:	Dual 24" Flat Panel Monitors
Display Resolution:	1920 x 1200
Memory:	8 GM RAM
Storage Capacity:	256 GB SSD

## 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:	110VAC +/- 10% 50/60Hz, 20 Amp Max 220 VAC +/- 10% 50/60Hz, 15 Amp Max
Power Conditioner:	Uninterruptible Power Supply (UPS) (Computer Operation)

## 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 & ISO 14001 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 development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.  
Contact [sales@astrophysicsinc.com](mailto:sales@astrophysicsinc.com) for the most updated brochures.

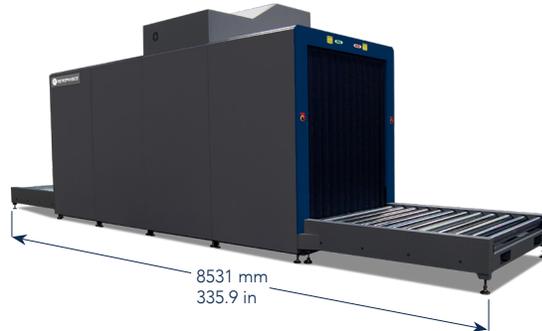
## FEATURES

### STANDARD

- 3 & 6 Color Imaging
- Black & White Imaging
- Enhanced Imaging Mode
- High Penetration Function
- Organic/Inorganic Imaging
- Pseudo Color
- Reverse Monochrome
- Auto Image Archiving
- Image Review
- Save Image (RGB)
- Atomic Z-Number Measurement
- Geometric Image Distortion Correction
- Material Discrimination
- Real-Time Image Manipulation
- Baggage Counter
- Image Annotation
- JPEG Conversion
- Print Image Capable
- Multi-Tier Accessibility
- Network Ready
- Real-Time Self Diagnostics
- 9 Quadrant Zoom
- Continuous Scanning
- Continuous Zoom Up to 64x
- Vertical Zoom Panning

### OPTIONAL

- Barcode Scanning
- Density Alert
- Local Language
- Safe Passage® Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- Conveyor Capacity Load Increase
- External USB Ports
- Variable Conveyor Speed
- Custom Paint
- Entry/Exit Roller Tables
- Environmental Kit
- Footmat Operator Interlock
- Radiation Meter
- Remote Workstation Configuration



CARGO

DCO#6290 P/N 50-00-FB-35-00 Rev. J

**Astrophysics HQ**  
+1.909.598.5488

**Astrophysics – EMEA**  
+961.9.832.500

**Astrophysics – INDIA**  
+91.11.41709990

**Astrophysics – ASIA**  
+63.2.812.0033