

XIS-7858DVS™

PRODUCT HIGHLIGHTS

Dual View X-Ray Generators

Modular Design

Enhanced Imaging™

Enhanced Material Discrimination

High Resolution Image

Real-Time Diagnostics



PRODUCT DESCRIPTION

The XIS-7858DVS™ is a dual view X-Ray Inspection System (XIS) designed to provide maximum object screening with a minimized system profile to accommodate screening facilities with limited space. The XIS-7858DVS™ features dual 180kV generators including a unique side-mounted x-ray generator that can be disassembled and quickly reassembled on-site for simplified installation in confined spaces.

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 40,000 systems deployed in more than 150 countries, safeguarding critical infrastructure, aviation, and ports and border sites worldwide.

XIS-7858DVS™

GENERAL SPECIFICATIONS

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|--|--|
| Tunnel Size: (WxH) | 77.7 cm x 57.9 cm 30.6" x 22.8" |
| Dimensions: ¹ (LxWxH) | 259.7 cm x 134.6 cm x 147.3 cm 102.2" x 53.0" x 58.0" |
| Shipping Dimensions: ¹ (LxWxH) | 297.2 cm x 149.9 cm x 223.5 cm 117.0" x 59.0" x 88.0" |
| Net Weight: ¹ | 998 kg (2200 lbs) |
| Shipping Weight: ¹ | 1157 kg (2550 lbs) |
| Conveyor Speed: | 23 cm/s (45 ft/min) Forward or Reverse |
| Conveyor Height: | 73 cm (28.7") from Floor |
| Conveyor Capacity: | 165 kg (364 lbs) Evenly Distributed Load |

X-RAY GENERATOR & IMAGE PERFORMANCE

| | |
|---------------------------------|---|
| Voltage: | Dual 180kV, Operating at 165kV |
| Tube Current: | Dual 1.2 mA |
| Wire Resolution: ² | 40 AWG Typical, 38 AWG Standard |
| Steel Penetration: ² | 39 mm Typical, 37 mm Standard |
| Cooling: | Sealed Di-Electric Oil Bath with Forced Air |
| Duty Cycle: | 100%, No Warm-Up Procedure Required |
| Beam Direction: | Diagonally Upward, Horizontally Sideward |

COMPUTER & VIDEO

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|---------------------|--------------------------------|
| Platform: | Windows® 10 OS |
| Memory: | 8 GB RAM |
| Storage Capacity: | 256 GB SSD |
| Display Type: | Dual 21.5" Flat Panel Monitors |
| Display Resolution: | 1920 x 1080 |

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, 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



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 development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.
Contact sales@astrophysicsinc.com for the most updated brochures.

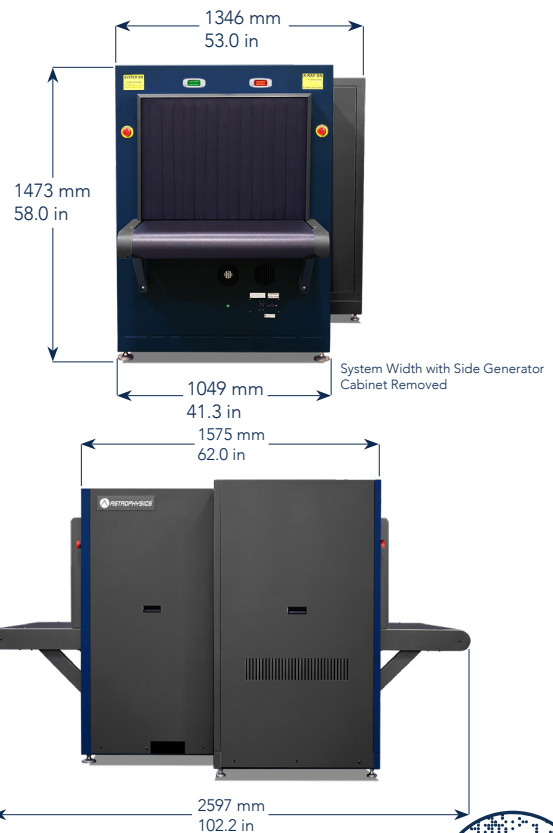
FEATURES

STANDARD

- 3 & 6 Color Imaging
- Black & White Imaging
- Enhanced Imaging™
- High Penetration Function
- Organic/Inorganic Imaging
- Pseudo Color
- Reverse Monochrome
- Atomic Z-Number Measurement
- Geometric Image Distortion Correction
- Material Discrimination
- Real-Time Image Manipulation
- Auto Image Archiving
- Image Review
- Save Image (RGB)
- 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

- Density Alert
- Local Language
- Safe Passage® Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- Dual 24" Flat Panel Monitors
- Custom Paint
- Entry/Exit Roller Tables
- Environmental Kit
- Footmat Operator Interlock
- Long Conveyor
- Roller Bed
- Radiation Meter
- Remote Workstation Configuration
- External USB Ports
- Conveyor Capacity Load Increase
- Variable Conveyor Speed
- Artificial Intelligence (AI)



CHECKPOINT

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