

XIS-6545DVS™

PRODUCT HIGHLIGHTS

Artificial Intelligence (AI)

Dual 180kV Generators

Enhanced Imaging™

Windows® Operating System
with Intel® Core™ Processor

Modular Design



PRODUCT DESCRIPTION

The XIS-6545DVS™ is an advanced modular designed X-Ray Inspection System (XIS) with more power than any competing scanner in its tunnel size. The ultimate in power and convenience, the XIS-6545DVS™ features dual 180kV generators including a 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-6545DVS™

GENERAL SPECIFICATIONS

Tunnel Size: (WxH)	65.0 cm x 45.2 cm 25.6" x 17.8"
Dimensions: ¹ (LxWxH)	204.0 cm x 128.2 cm x 135.0 cm 80.3" x 50.5" x 53.1"
Shipping Dimensions: ¹ (LxWxH)	228.6 cm x 139.7 cm x 165.1 cm 90.0" x 55.0" x 65.0"
Net Weight: ¹	975 kg (2150 lbs)
Shipping Weight: ¹	1100 kg (2425 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	71.9 cm (28.3") 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	41 AWG Typical, 40 AWG Standard
Steel Penetration: ²	41 mm Typical, 39 mm Standard
Cooling:	Sealed Di-Electric Oil Bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Diagonally Upward and Sideward

COMPUTER & VIDEO

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 220VAC +/- 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.

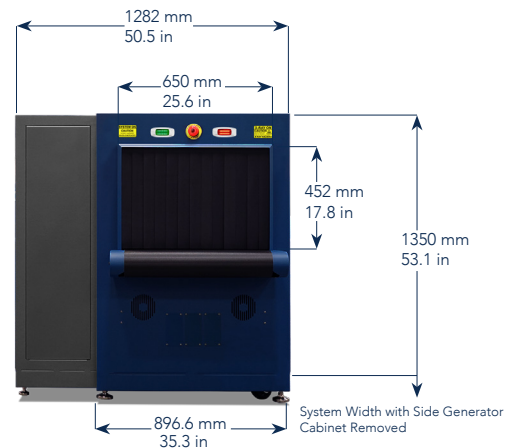
FEATURES

STANDARD

- 3 & 6 Color Imaging
- Black & White Imaging
- Enhanced Imaging™
- High Penetration Function
- Organic/Inorganic Imaging
- Pseudo Color
- Reverse Monochrome
- Atomic Z-Number Measurement
- Distortion Correction
- Geometric Image
- Material Discrimination
- Real-Time Image Manipulation
- Auto Image Archiving
- Image Review
- Save Image (RGB)
- Baggage Counter
- Multi-Tier Accessibility
- Network Ready
- Real-Time Self Diagnostics
- Image Annotation
- JPEG Conversion
- Print Image Capable
- 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
- Dual 24" Flat Panel Monitors
- Custom Paint
- Environmental Kit
- Entry/Exit Roller Tables
- Footmat Operator Interlock
- Mobility Kit
- Roller Bed
- Radiation Meter
- Remote Workstation Configuration
- Sloped Conveyor
- Artificial Intelligence (AI)



CHECKPOINT

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