

# XIS-TRAILER<sup>™</sup>

## PRODUCT HIGHLIGHTS

Mobile Screening with Comfortable Working Environment

Windows Operating System with Intel<sup>®</sup> Core<sup>™</sup> Processor

Independent Backup Generator for Scanning

Rugged Frame for Traversing Rough Terrain

Real-Time Diagnostics



## PRODUCT DESCRIPTION

The XIS-Trailer<sup>™</sup> is our most versatile mobile platform available. The XIS-Trailer<sup>™</sup> can be hauled by any standard truck or van, and deployed anywhere to provide on-demand scanning capabilities in every environment. It features a climate controlled cabin, onboard generator, and a heavy-duty frame for scanning heavy objects. The XIS-Trailer<sup>™</sup> is the most comfortable and effective mobile scanning system on the market.

## 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-TRAILER™

## GENERAL SPECIFICATIONS

Tunnel Size:	101.6 cm x 101.6 cm
(WxH)	40.0" x 40.0"
Dimensions: <sup>1</sup>	623.8 cm x 228.6 cm x 352.2 cm
(LxWxH)	246.0" x 90.0" x 138.6"
Net Weight: <sup>1</sup>	3900 kg (8600 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Capacity:	200 kg (441 lbs) Evenly Distributed Load
Model:	Custom Trailer Climate Controlled Operator Cabin

## X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	Dual 180kV, Operating at 165kV
Tube Current:	Dual 1.0 mA
Cooling:	Sealed Di-Electric bath with Forced Air 100%
Duty Cycle:	No Warm-Up Procedure Required
Beam Direction:	Diagonally Downward, Horizontally Sideward

## TECHNICAL

Wire Resolution: <sup>2</sup>	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>2</sup>	39 mm Typical, 37 mm Standard

## COMPUTER & VIDEO

Platform:	Windows® OS
Backup:	Uninterruptible Power Supply (UPS) (Computer Operation)
Memory:	4 GB RAM
Storage:	1 TB HDD, 240 GB SSD
Display Type:	Dual 24" Flat Panel Color Monitor 1600 x 1200;
Display Resolution:	24 Bit/Pixel Color

## 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
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## 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)

## FEATURES

### STANDARD

6 Color Imaging  
Color and Black/White Imaging  
Enhanced Imaging™ Mode  
Geometric Image  
Distortion Correction  
High Penetration Function  
Organic/Inorganic Imaging  
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

Barcode Scanning  
Density Alert  
Local Language  
Safe Passage®  
Computer Based Training  
Screener Assist Software  
Threat Image Projection (TIP) Software  
Custom Paint  
Environmental Kit  
Intercom System  
Radiation Meter  
Test Case



## 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.



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MOBILE

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