

XIS-TRAILER™

PRODUCT HIGHLIGHTS

Mobile Screening with Comfortable Working Environment

Windows Operating System with Intel® Core™ Processor

Independent Backup Generator for Scanning

Rugged Frame for Traversing Rough Terrain

Real-Time Diagnostics



PRODUCT DESCRIPTION

The XIS-Trailer™ is our most versatile mobile platform available. The XIS-Trailer™ 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™ 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)
Dimensions: ¹	623.8 cm x 228.6 cm x 352.2 cm (LxWxH)
Net Weight: ¹	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: ²	40 AWG Typical, 38 AWG Standard
Steel Penetration: ²	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
---------------	---

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

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



DCOH2990 P/N 50-00-P803-00 Rev. H

MOBILE

Astrophysics HQ
+1.909.598.5488

Astrophysics – EMEA
+961.9.832.500

Astrophysics – INDIA
+91.11.41709990

Astrophysics – ASIA
+63.2.812.0033

sales@astrophysicsinc.com | www.astrophysicsinc.com | service@astrophysicsinc.com