

XIS-7858[™]



PRODUCT HIGHLIGHTS

Enhanced Material Discrimination

High Image Resolution with
24-Bit Color

Picture Perfect Image Analysis

Real-Time Diagnostic

Minimal System Profile

Windows Operating System
with Intel[®] Core[™] Processor

The XIS-7858[™] is a compact X-Ray Inspection System (XIS) with a small footprint and wide tunnel dimensions, ideal for screening large baggage and parcels at sites with limited space.

The XIS-7858 is equipped with the full range of Astrophysics imaging tools, which allow operators to manipulate scans in real-time. Alternate imaging modes allow for in-depth analysis of intricate, multi-layered bags, while the system's high-resolution imaging makes it easy to distinguish between threatening and non-threatening objects.

With greater clarity and material discrimination, the XIS-7858 increases throughput and accuracy, making it the perfect solution for customs, law enforcement, aviation, and infrastructure.

The Astrophysics XIS-7858 is designed and assembled in the United States to the highest quality standards. For nearly twenty years, Astrophysics has led the industry in research and development, creating integrated solutions to advance the critical security missions of our customers and partners.

GENERAL SPECIFICATIONS

Tunnel Size:	77.8 cm x 58.0 cm 30.6" x 22.8"
Dimensions: ¹ (LxWxH)	229.3 cm x 100.6 cm x 140.0 cm 90.3" x 39.6" x 55.1"
Net Weight: ¹	587 kg (1294 lbs)
Shipping Weight: ¹	861 kg (1898 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	69.1 cm (27.2") from Floor
Conveyor Capacity:	165 kg (364 lbs) Evenly Distributed Load

TECHNICAL

Wire Resolution:	40 AWG Typical, 38 AWG Standard
Steel Penetration: ²	39 mm Typical, 37 mm Standard

X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	180kV, Operating at 165kV
Tube Current:	1.2 mA
Cooling:	Sealed Di-Electric Oil Bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Diagonally Upward

COMPUTER & VIDEO

Platform:	Windows® OS
Memory:	4 GB RAM
Storage Capacity:	1TB HDD, 240 GB SSD
Backup:	Uninterruptible Power Supply (UPS) (Computer Operation)
Display Type:	Dual 19" Flat Panel Color Monitors
Display Resolution:	1280 x 1024; 24 Bit/Pixel Color

ENVIRONMENTAL

Operating Temperature:	0°C to 40°C / 32F to 104F
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, 15 Amp Max 220 VAC +/- 10% 50/60Hz, 10 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)



ISO 9001: 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.

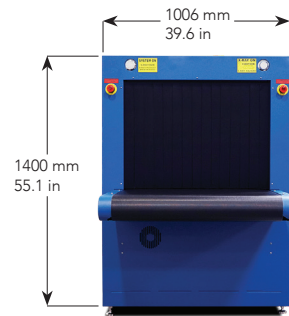
Due to continued product research and development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.

STANDARD FEATURES

- 6 Color Imaging
- Color and Black/White Imaging
- Geometric Image
- Distortion Correction
- High Penetration Function
- Organic/Inorganic Imaging
- Picture Perfect
- 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 FEATURES³

- Density Alert
- Local Language
- Safe Passage®
- Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- 24" Flat Panel Monitors
- Custom Paint
- Entry/Exit Roller Tables
- Environmental Kit
- Footmat Operator Interlock
- Heavy Duty Casters
- Long Conveyor
- Radiation Meter
- Remote Workstation Configuration



Astrophysics HQ
+1.909.598.5488

Astrophysics - DC
+1.202.350.9740

Astrophysics - HOUSTON
+1.713.357.5132

Astrophysics - EMEA
+961.9.832.500/1/2

Astrophysics - INDIA
+91.11.41709990

Astrophysics - ASIA
+63.2.812.0033