

XIS-100X™



PRODUCT HIGHLIGHTS

High Image Resolution with
24-Bit Color

Enhanced Material Discrimination

Windows Operating System
with Intel® Core™ Processor

Real-Time Diagnostics

Picture Perfect Image Analysis

The XIS-100X™ is a powerful X-Ray Inspection System (XIS) designed for screening oversized luggage, large parcels, and small cargo at airports, customs facilities, and high-security checkpoints. To optimize checkpoint performance, it is equipped with a powerful generator that produces crisp, high-resolution images that enable detailed inspections of complex bags and tightly-packed crates. Combined with Astrophysics' best-in-class software, the XIS-100X allows operators to recognize objects, identify materials, and isolate threats with better speed and accuracy.

Its greater image quality and processing power keeps bags moving quickly through the system without any loss of clarity, making it the ideal solution for airlines, freight forwarders, and parcel service companies that require efficient, high-security screening.

The Astrophysics XIS-100X 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:	100.3 cm x 101.1 cm
(WxH)	39.5" x 39.4"
Dimensions: ¹	280.3 cm x 137.2 cm x 188.9 cm
(LxWxH)	110.4" x 54.0" x 74.4"
Net Weight: ¹	980 kg (2165 lbs)
Shipping Weight: ¹	1300 kg (2860 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	70.6 cm (27.8") from Floor
Conveyor Capacity:	200 kg (441 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
Backup:	Uninterrupted 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:	110VAC +/- 10% 50/60Hz, 15 Amp Max
	220 VAC +/- 10% 50/60Hz, 10 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: 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.

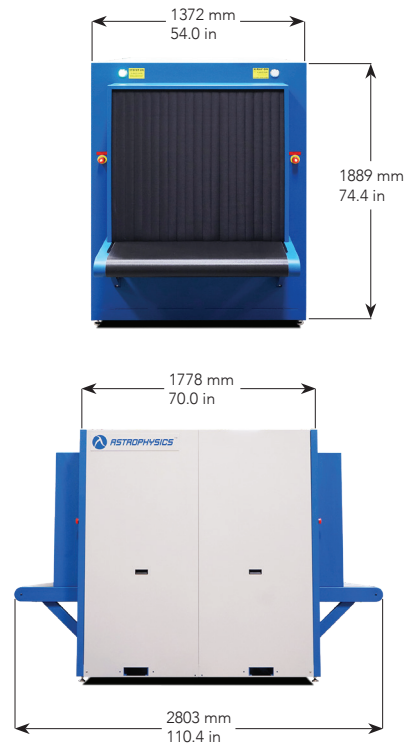
Due to continued product research and development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.

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

- Barcode Scanning
- Density Alert
- Local Language
- Safe Passage®
- Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- 24" Flat Panel Monitor
- Custom Paint
- Entry/Exit Roller Tables
- Environmental Kit
- Footmat Operator Interlock
- Heavy Duty Casters
- Mobility Kit
- 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