

XIS-100X™



PRODUCT HIGHLIGHTS

Windows® Operating System with Intel® Core™ Processor

Large Tunnel Size Fits Nearly All Luggage

Artificial Intelligence (AI)

Enhanced Imaging™

Real-Time Diagnostics



PRODUCT DESCRIPTION

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 performance, it is equipped with a 180kV generator to provide strong penetration and high-resolution images that enable detailed inspections of complex bags and tightly-packed crates.

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-100X™

GENERAL SPECIFICATIONS

Tunnel Size: (WxH)	100.3 cm x 100.0 cm 39.5" x 39.4"
Dimensions: ¹ (LxWxH)	280.3 cm x 137.2 cm x 188.9 cm 110.4" x 54.0" x 74.4"
Shipping Dimensions: ¹ (LxWxH)	297.2 cm x 149.9 cm x 223.5 cm 117.0" x 59.0" x 88.0"
Net Weight: ¹	857 kg (1890 lbs)
Shipping Weight: ¹	1009 kg (2225 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	70.6 cm (27.8") from Floor
Conveyor Capacity:	220 kg (485 lbs) Evenly Distributed Load

X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	180kV, Operating at 165kV
Tube Current:	1.2 mA
Wire Resolution: ²	40 AWG Typical, 38 AWG Standard
Steel Penetration: ²	39 mm Typical, 37 mm Standard
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® 10 OS
Display Type:	Dual 21.5" Flat Panel Monitors
Display Resolution:	1920 x 1080
Memory:	8 GB RAM
Storage Capacity:	256 GB SSD

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, 15 Amp Max 220 VAC +/- 10% 50/60Hz, 10 Amp Max
Power Conditioner:	Automatic Voltage Regulator (AVR), 600VA

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.

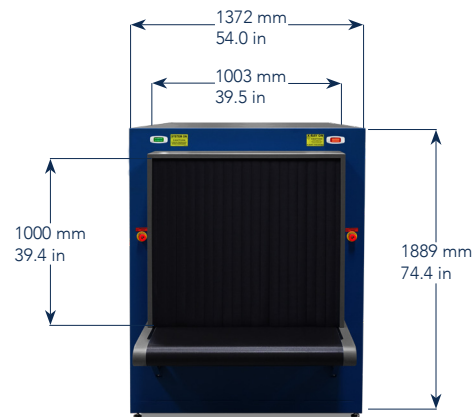
FEATURES

STANDARD

- 3 & 6 Color Imaging
- Black & White Imaging
- Enhanced Imaging™
- High Penetration Function
- Organic/Inorganic Imaging
- Pseudo Color
- Reverse Monochrome
- Atomic Z-Number Measurement
- Material Discrimination
- Geometric Image Distortion Correction
- Real-Time Image Manipulation
- Auto Image Archiving
- Image Review
- Save Image (RGB)
- Baggage Counter
- Image Annotation
- JPEG Conversion
- Print Image Capable
- Multi-Tier Accessibility
- Network Ready
- Real-Time Self Diagnostics
- 9 Quadrant Zoom
- Continuous Scanning
- Continuous Zoom Up to 64x
- Vertical Zoom Panning

OPTIONAL

- Artificial Intelligence (AI)
- Barcode Scanning
- Density Alert
- Local Language
- Safe Passage® Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- Central Management System Integration
- Multiplexing
- External USB Ports
- Conveyor Capacity Load Increase
- Variable Conveyor Speed
- Footmat Operator Interlock
- Roller Bed
- Internal/External UPS
- Radiation Meter
- Remote Workstation Configuration
- Dual 24" Flat Panel Monitors
- Custom Paint
- Entry/Exit Roller Tables
- Environmental Kit
- 8 Color Imaging



HOLD BAGGAGE

DCO# 3173 P/N 50-00-PE10-00 Rev. N

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