

XIS-5878™



PRODUCT HIGHLIGHTS

Artificial Intelligence (AI)

Enhanced Imaging™

Windows® Operating System with
Intel® Core™ Processor

Tall and Narrow Tunnel

180kV Generator



PRODUCT DESCRIPTION

The XIS-5878™ is a compact and powerful X-Ray Inspection System (XIS) designed for screening heavy bags and objects. The XIS-5878™ is capable of supporting up to 165kg (364lbs) and features a low conveyor of only 30cm (12") above the ground, convenient for loading and unloading. The #1 global manufacturer of critical infrastructure products, Astrophysics is the clear choice.

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 35,000 systems deployed in more than 150 countries, safeguarding critical infrastructure, aviation, and ports and border sites worldwide.

XIS-5878™

GENERAL SPECIFICATIONS

Tunnel Size:	58.4 cm x 78.3 cm
(WxH)	23.0" x 31.0"
Dimensions: ¹	252.4 cm x 137.1 cm x 126.0 cm
(LxWxH)	99.4" x 54.0" x 49.6"
Net Weight: ¹	635 kg (1400 lbs)
Shipping Weight: ¹	900 kg (1985 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	30 cm (12") from Floor
Conveyor Capacity:	165 kg (360 lbs) Evenly Distributed Load

X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	180kV, Operating at 165kV
Tube Current:	1.2 mA
Wire Resolution:	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:	Horizontally Sideward

COMPUTER & VIDEO

Platform:	Windows® 10 OS
Memory:	8 GB RAM
Storage Capacity:	256 GB SSD
Display Type:	Dual 21.5" Flat Panel Monitors
Display Resolution:	1920 x 1080

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:	110 VAC +/- 10% 50/60Hz, 15 Amp Max 220VAC +/- 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.

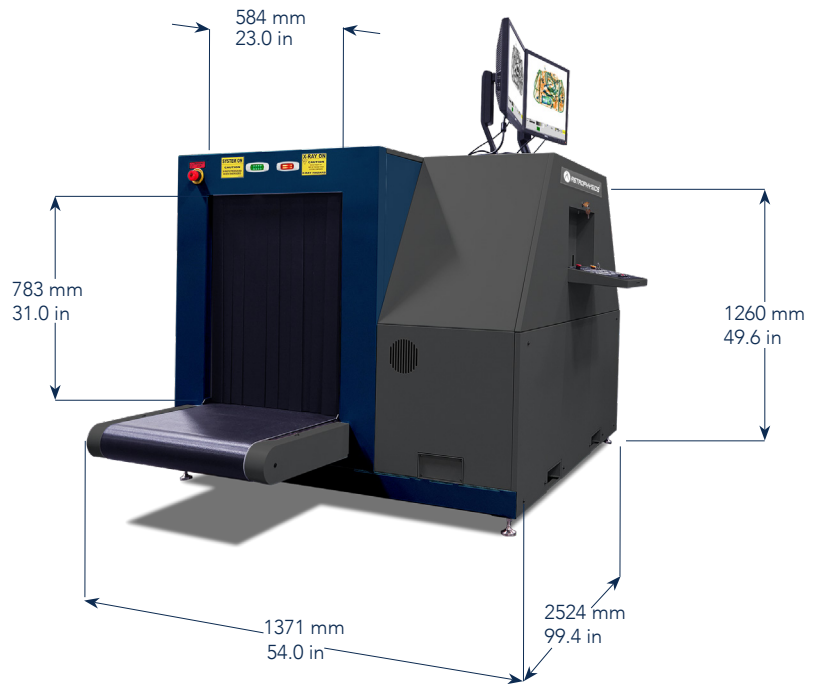
FEATURES

STANDARD

- 3 & 6 Color Imaging
- Black & White Imaging
- Enhanced Imaging™
- High Penetration Function
- Organic/Inorganic Imaging
- Pseudo Color
- Reverse Monochrome
- Geometric Image Distortion Correction
- Material Discrimination
- Real-Time Image Manipulation
- Atomic Z-Number Measurement
- 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
- Multi-Tier Accessibility
- Network Ready
- Real-Time Self Diagnostics
- Baggage Counter

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
- Dual 24" Flat Panel Monitors
- Custom Paint
- Environmental Kit
- Entry/Exit Roller Tables
- Footmat Operator Interlock
- Internal/External UPS
- Roller Bed
- Radiation Meter
- Remote Workstation Configuration
- External USB Ports
- Conveyor Capacity Load Increase
- Variable Conveyor Speed



CHECKPOINT

DCOH#2990 P/N 50-00-PB14-00 Rev. H

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