ASTROPHYSICS®

XIS-5878™

PRODUCT HIGHLIGHTS

- Artificial Intelligence (AI)
- Enhanced Imaging™
- Windows® Operating System with Intel® Core™ Processor
- Tall and Narrow Tunnel
- 180kV Generator

DESIGNED IN THE USA
MADE IN NORTH AMERICA

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 45,000 systems deployed in more than 180 countries, safeguarding critical infrastructure, aviation, and ports and border sites worldwide.

XIS-5878™

GENERAL SPECIFICATIONS

Tunnel Size: (WxH)	58.4 cm x 78.3 cm 23.0" x 31.0"
Dimensions:[1] (LxWxH)	252.4 cm x 137.1 cm x 126.0 cm 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:[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:	Horizontally Sideward

COMPUTER & VIDEO

Platform:	Windows® 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)

FEATURES

STANDARD

3 & 6 Color Imaging
Black & White Imaging
Enhanced Imaging™
High Penetration Function
Hold to Preview Imaging Functions
Inverse Color
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

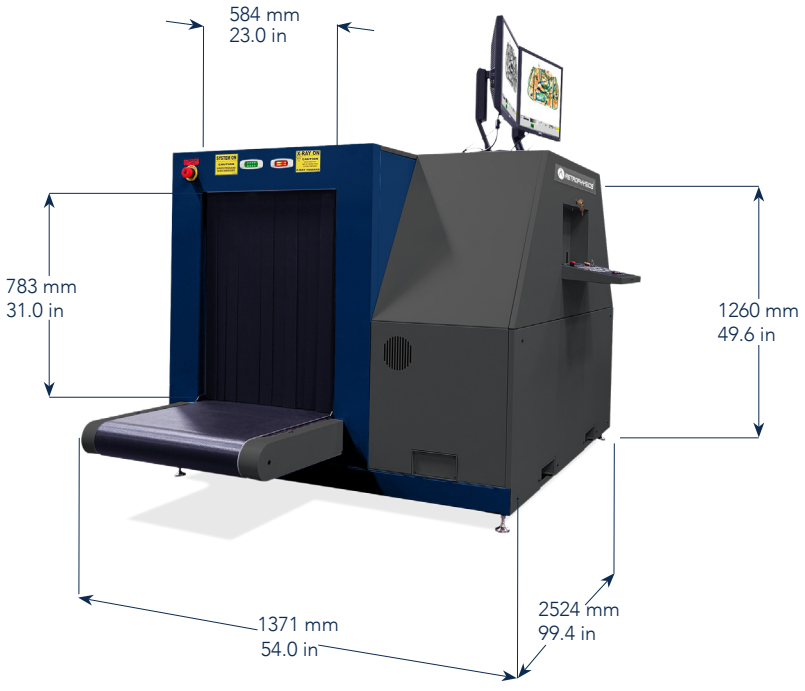
OPTIONAL

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



ISO 9001 & ISO 14001 CERTIFIED

[1]Weight and dimensions of the system may vary depending on customization.
[2]As tested on Astrophysics Inc. Test Piece.
[3]Optional 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.

DCO#3991 P/N 50-00-PB14-00 Rev. K

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