ASTROPHYSICS®

XIS-6040™

PRODUCT HIGHLIGHTS

Artificial Intelligence (AI)

8-Color Imaging

Enhanced Imaging™ (EI)

Real-Time Diagnostics

Proven Field Reliability

AENA
COMPLIANT

ENAC
CERTIFIED

STAC
CERTIFIED

DESIGNED IN THE USA
MADE IN NORTH AMERICA

PRODUCT DESCRIPTION

The XIS-6040™ is a high-performance X-ray Inspection System (XIS) ideally suited for scanning backpacks, purses, and small parcels. With thousands deployed at checkpoint sites worldwide, the XIS-6040™ is the most sold critical infrastructure x-ray product in the market. With proven field reliability and unsurpassed image quality, the XIS-6040™ is the ultimate checkpoint system.

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.

TOMORROW'S TECHNOLOGY FOR TODAY'S SECURITY™

XIS-6040™

GENERAL SPECIFICATIONS

Tunnel Size: (WxH)	60.0 cm x 40.0 cm 23.6" x 15.8"
Dimensions:[1] (LxWxH)	143.3 cm x 84.6 cm x 124.5 cm 56.4" x 33.3" x 49.0"
Shipping Dimensions:[1] (LxWxH)	158.8 cm x 96.5 cm x 160.0 cm 62.5" x 38.0" x 63.0"
Net Weight:[1]	370 kg (820 lbs)
Shipping Weight:[1]	490 kg (1080 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	71.6 cm (28.2") from Floor
Conveyor Capacity:	165 kg (364 lbs) Evenly Distributed Load

X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	160kV, Operating at 150kV
Tube Current:	0.7 mA
Wire Resolution:	40 AWG Typical, 38 AWG Standard
Steel Penetration:[2]	39 mm Typical, 37 mm Standard
Cooling:	Sealed Di-Electric bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Diagonally Upward

COMPUTER & VIDEO

Platform:	Windows® 10 OS
Memory:	8 GM RAM
Storage Capacity:	256 GB SSD
Display Type:	21.5" Flat Panel Color Monitor
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 220 VAC +/- 10% 50/60Hz, 10 Amp Max
Power Conditioner:	Automatic Voltage Regulator (AVR), 600VA

HEALTH & SAFETY

Film Safety:	Guaranteed up to ISO 1600 (33 DIN)

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)

180KV GENERATOR UPGRADE

Penetration[2]: 41 mm Steel Typical, 39 mm Standard

ISO 9001 & ISO 14001 CERTIFIED

FEATURES

STANDARD

3 & 6 Color Imaging
Black & White Imaging
Enhanced Imaging™ (EI)
High Penetration Function
Organic/Inorganic Imaging
Pseudo Color
Reverse Monochrome

Atomic Z-Number Measurement
Geometric Image Distortion Correction
Material Discrimination
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

8 Color Imaging
Artificial Intelligence (AI)
Barcode Scanning
Density Alert
Local Language
Safe Passage®°Computer Based Training
Screener Assist Software
Test Case
Threat Image Projection (TIP) Software

External USB Ports
Conveyor Capacity Load Increase
Variable Conveyor Speed

24" Flat Panel Monitor
Custom Paint
Dual Monitors (21.5" or 24")
Entry/Exit Roller Tables
Environmental Kit
Extended Tunnel Covers
Footmat Operator Interlock
Internal/External UPS
Short Conveyor[4]/ Long Conveyor[5]
Mobility Kit
Roller Bed
Radiation Meter
Remote Workstation Configuration

XIS-6040M

Dimensions[1]	143.3 cm x 84.6 cm x 133.7 cm (LxWxH)
Shipping Dimensions[1]	158.8 cm x 96.5 cm x 177.8 cm (LxWxH)
Net Weight[1]	393 kg (866 lbs)

600 mm / 23.6 in
400 mm / 15.8 in
1245 mm / 49.0 in
3 mm / .13 in
864 mm / 34.0 in
846 mm / 33.3 in
706 mm / 27.8 in
1433 mm / 56.4 in

[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.

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