









# ×15-6040



# **PRODUCT HIGHLIGHTS**

**Enhanced Material Discrimination** 

Picture Perfect Image Analysis

Real-Time Diagnostics

High Image Resolution with 24-Bit Color

Optional Syntech SOLUTION™ Al Software The XIS-6040™ is a high-performance X-Ray Inspection System (XIS) ideally suited for small checkpoints, screening backpacks, purses, and parcels. With thousands of installations at airports and critical infrastructure facilities worldwide, the XIS-6040 is the most sold critical infrastructure product in the x-ray market.

With proven field reliability and unsurpassed image quality, the XIS-6040 represents the best in optimized screening technology. High-resolution scans and Astrophysics' best-in-class software allows operators to recognize objects, identify materials, and isolate threats with greater speed and accuracy.

Astrophysics' optional AI software, Syntech SOLUTION™, detects guns and knives with incredible precision and accuracy. Fully-integrated, Syntech SOLUTION™ automatically stops the belt when it detects a threat and isolates it with a colored box on-screen, for an unmatched level of safety.

The Astrophysics XIS-6040 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.

TOMORROW'S TECHNOLOGY FOR TODAY'S SECURITY™



**OPTIONAL FEATURES<sup>3</sup>** 

8 Color Imaging

Density Alert

Local Language

Safe Passage®

Test Case

(TIP) Software

Custom Paint

Barcode Scanning

Enhanced Imaging Mode

Computer Based Training

Screener Assist Software

Threat Image Projection

24" Flat Panel Monitor

Entry/Exit Roller Tables

Extended Tunnel Covers

Footmat Operator Interlock

Remote Workstation Configuration

Uninterruptible Power Supply (UPS)

Environmental Kit

Heavy Duty Casters Long Conveyor

Mobility Kit

Radiation Meter

Dual Monitors (19" or 24")

Syntech SOLUTION™ AI Software

# **GENERAL SPECIFICATIONS**

Tunnel Size: 60.0 cm x 40.0 cm 23.6" x 15.7" (WxH)

Dimensions:1 143.3 cm x 84.6 cm x 124.5 cm

56.4" × 33.3" × 49.0" (LxWxH) Net Weight:1 370 kg (820 lbs) Shipping Weight:1 490 kg (1080 lbs)

23 cm/s (45 ft/min) Forward or Reverse Conveyor Speed:

Conveyor Height: 71.6 cm (28.2") from Floor

Conveyor Capacity: 165 kg (364 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

160kV, Operating at 150kV Voltage:

Tube Current: 0.7 mA

Cooling: Sealed Di-Electric bath with Forced Air Duty Cycle: 100%, No Warm-Up Procedure Required

Beam Direction: Diagonally Upward

# **COMPUTER & VIDEO**

Windows® OS Platform: Memory: 4 GB RAM

Storage Capacity: 1TB HDD, 240 GB SSD

Power Conditioner: Automatic Voltage Regulator (AVR), 600VA

19" Flat Panel Color Monitor Display Type: Display Resolution: 1280 x 1024; 24 Bit/Pixel Color

# **ENVIRONMENTAL**

0°C to 40°C / 32°F to 104°F Operating Temperature: Storage Temperature: -20°C to 60°C / -4°F to 140°F Humidity: Up to 95% Non-Condensing

# **ELECTRICAL**

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

# **HEALTH & SAFETY**

Film Safetv: 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)

### **GENERATOR UPGRADE**

Upgrade to 180kV Generator

Penetration:2 41 mm Steel Typical, 39 mm Standard

ASTM F792

Test 1: 40 AWG<sup>4</sup>

Test 3: 1 mm Horizontal/Vertical<sup>4</sup>

Test 4: 34 mm<sup>4</sup>







ISO 9001: Certified

Weight and dimensions of the system may vary depending on customization.

<sup>2</sup>As tested on Astrophysics Inc. Test Piece

<sup>3</sup>Optional Features may affect lead time, price, and weight of product. Please contact your Astrophysics Sales Representative for more information.

<sup>4</sup>Maximum Values on ASTM F792 Test Piece.

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

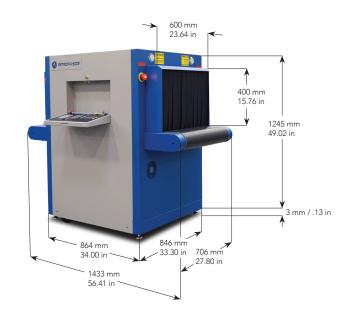
Baggage Counter

Real-Time Self Diagnostics

# XIS-6040N

### XIS-6040M

Dimensions 143.3 cm x 80.9 cm x 124.5 cm 143.3 cm x 84.6 cm x 133.7 cm 393 kg (866 lbs) **Net Weight** 439 kg (968 lbs)



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

PEO B.V.

The Netherlands

Havenweg 16, 6603 AS Wijchen

Belgium

+32 (0)3 309 32 09

Watermolenstraat 2, B-2910 Essen

CoC 34107894 VAT NL807859151B01 IBAN NL29 RABO 0356 1960 46 **BIC RABONL2U** 

