



14 Odem ST. P.O.B. 7042 Petach Tikva 4917001, ISRAEL | Office: +972-3-924-3352

XIS-7555R[™]



Rugged Mobile Design

Stainless Steel Frame

Picture Perfect Image Analysis

Anti-Corrosive Powder-Coating

Water Resistant





PRODUCT DESCRIPTION

ABOUT ASTROPHYSICS

The XIS-7555RTM is a ruggedized X-Ray Inspection System (XIS) with a unique tunnel opening of 75.7 cm x 55.2 cm (29.8" x 21.7"). Designed for military operations and thoroughly tested for harsh outdoor conditions, including sandstorms and torrential rains, it features a stainless steel frame, an anticorrosive powder-coating, and has been bulb-sealed to ensure water resistance.

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.

DCO#2990 P/N 50-00-PB57-00 Rev.

XIS-7555R[™]

GENERAL SPECIFICATIONS

Tunnel Size: 75.7 cm x 55.2 cm (WxH) 29.8" x 21.7"

Dimensions:1 188.2 cm x 106.3 cm x 158.0 cm

(LxWxH) 74.1" x 36.1" x 62.2" 810 kg (1780 lbs) Net Weight:1 Shipping Weight:1 995 kg (2190 lbs)

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

83.1 cm (32.7") from Floor Conveyor Height:

165 kg (364 lbs) Evenly Distributed Load Conveyor Capacity:

X-RAY GENERATOR & IMAGE PERFORMANCE

180kV, Operating at 165kV Voltage:

Tube Current: 1.2 mA

Wire Resolution:2 40 AWG Typical, 38 AWG Standard Steel Penetration:² 39 mm Typical, 37 mm Standard

Sealed Di-Electric Oil Bath with Forced Air Cooling: 100%, No Warm-Up Procedure Required Duty Cycle: Beam Direction: Diagonally Upward, Horizontally Sideward

COMPUTER & VIDEO

Platform: Windows® OS Memory: 8 GB RAM Storage Capacity: 256 GB SSD

Display Type: 19" Flat Panel Monitor

Display Resolution: 1280 x 1024

ENVIRONMENTAL

17°C to 49°C / 0°F to 120°F Operating Temperature: -37°C to 100°C / -35°F to 149°F Storage Temperature: Humidity: Up to 95% Non-Condensing

ELECTRICAL

110 VAC +/- 10% 50/60Hz, 20 Amp Max System Power:

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

Power Conditioner: Uninterruptible Power Supply (UPS)

(Computer Operation)

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 High Penetration Function Organic/Inorganic Imaging Picture Perfect

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 Water Resistant

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

Density Alert

Local Language Safe Passage® Computer Based Training

Screener Assist Software

Test Case

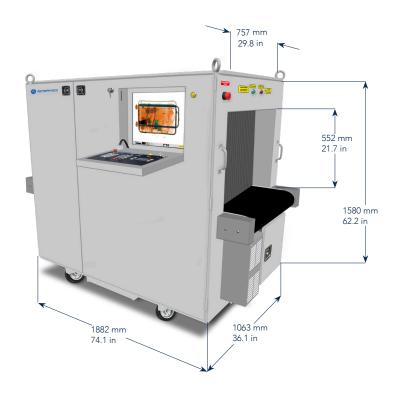
Threat Image Projection (TIP) Software

24" Flat Panel Monitor Custom Paint Entry/Exit Roller Tables Environmental Kit Footmat Operator Interlock Long Conveyor Roller Bed

Radiation Meter

External USB Ports Conveyor Capacity Load Increase Variable Conveyor Speed

Remote Workstation Configuration



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.



