

# XIS-7555R<sup>™</sup>



## PRODUCT HIGHLIGHTS

Rugged Mobile Design

Stainless Steel Frame

Picture Perfect Image Analysis

Anti-Corrosive Powder-Coating

Water Resistant



## PRODUCT DESCRIPTION

The XIS-7555R<sup>™</sup> 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 anti-corrosive powder-coating, and has been bulb-sealed to ensure water resistance.

## 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 40,000 systems deployed in more than 150 countries, safeguarding critical infrastructure, aviation, and ports and border sites worldwide.

# XIS-7555R™

## GENERAL SPECIFICATIONS

Tunnel Size: (WxH)	75.7 cm x 55.2 cm 29.8" x 21.7"
Dimensions: <sup>1</sup> (LxWxH)	188.2 cm x 106.3 cm x 158.0 cm 74.1" x 36.1" x 62.2"
Net Weight: <sup>1</sup>	810 kg (1780 lbs)
Shipping Weight: <sup>1</sup>	995 kg (2190 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	83.1 cm (32.7") from Floor
Conveyor Capacity:	165 kg (364 lbs) Evenly Distributed Load

## X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	180kV, Operating at 165kV
Tube Current:	1.2 mA
Wire Resolution: <sup>2</sup>	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>2</sup>	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:	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

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

## ELECTRICAL

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

## ISO 9001 & ISO 14001 CERTIFIED



<sup>1</sup>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.

Due to continued product development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.  
Contact [sales@astrophysicsinc.com](mailto:sales@astrophysicsinc.com) for the most updated brochures.

## 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  
Remote Workstation Configuration

External USB Ports  
Conveyor Capacity Load Increase  
Variable Conveyor Speed



HOLD BAGGAGE

