

XIS-7555R™



PRODUCT HIGHLIGHTS

Rugged Mobile Design

Stainless Steel Frame

Picture Perfect Image Analysis

Anti-Corrosive Powder-Coating

Water Resistant



PRODUCT DESCRIPTION

The XIS-7555R™ 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:	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"
Net Weight: ¹	810 kg (1780 lbs)
Shipping Weight: ¹	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: 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:	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)

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



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.



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