



NEXT GENERATION 3D TECHNOLOGY

The VI3DTM is a new class of x-ray scanner. Our exclusive 3D MotionViewTM software combines 3 angled views into a "rocking" image that reduces blind spots and enhances threat detection. The VI3DTM generates images with greater clarity, depth, and detail to enable operators to carry out quick, accurate inspections. With these 3 distinct viewpoints and a single generator, the VI3DTM is the only checkpoint system that delivers 3D imaging technology.

Proudly manufactured in the United States to the highest quality standards, the VI3DTM features a compact footprint ideal for diverse checkpoint deployment. With a Touchscreen Monitor, Adjustable Mobile Stand and chrome accents, the VI3DTM is a sleek security solution for premier high security sites. The Astrophysics VI3DTM delivers the ultimate in imaging detection technology, making it the clear choice for next-generation security screening.

PRODUCT HIGHLIGHTS

3D MotionView™ Software 3 Distinct Views

Reduces Blind Spots Touchscreen Monitor

Adjustable Mobile Stand Compact Footprint

VI3D^m



TOMORROW'S TECHNOLOGY FOR TODAY'S SECURITY

GENERAL SPECIFICATIONS

Tunnel Size: 60.0 cm x 42.0 cm (WxH) 23.6" x 16.5"

187.2 cm x 83.3 cm x 140.2 cm System Dimensions:1 (LxWxH) 73.7" x 32.8" x 55.2"

Shipping Dimensions:1 214.6 cm x 99.1 cm x 203.2 cm 84.5" × 39.0" × 80.0"

(LxWxH) 796 kg (1754 lbs) Net Weight:1 Shipping Weight:1 900 kg (1984 lbs)

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

Conveyor Height: 73 cm (28.8") from Floor

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

TECHNICAL

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

X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage: 180kV, Operating at 170kV

Tube Current: 1.2 mA

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

Beam Direction: Diagonally Upward

COMPUTER & VIDEO

Platform: Windows® OS 16 GB RAM Memory:

Storage Capacity: 1TB HDD, 512 GB SSD

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

Touchscreen Monitor Display Type:

Display Resolution: 1920 x 1080; 24 Bit/Pixel Color

ENVIRONMENTAL

Operating Temperature: 0°C to 40°C / 32°F to 104°F -20°C to 60°C / -4°F to 140°F Storage Temperature: 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

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)

STANDARD FEATURES

3D MotionView[™] Software Adjustable Mobile Stand Black/White Imaging Color Imaging Enhanced Imaging™

Geometric Image Distortion Correction

High Penetration Function Organic/Inorganic Imaging

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) Multi-Tier Accessibility Network Ready Real-Time Self Diagnostic

Baggage Counter

External USB Ports

OPTIONAL FEATURES

Barcode Scanning Local Language

Test Case

Custom Paint Environmental Kit

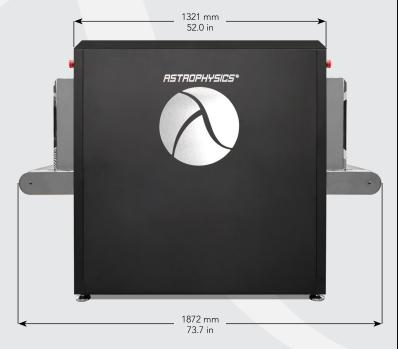
Radiation Meter

Remote Workstation Configuration

Uninterruptible Power Supply (UPS)

Conveyor Capacity Load Increase







Astrophysics HQ

+1.909.598.5488

Astrophysics - EMEA

+961.9.832.500/1/2





Astrophysics - INDIA +91.11.41709990

Astrophysics - ASIA +63.2.812.0033

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 research and development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice. Contact sales@astrophysicsinc.com for the most updated brochures.

