

# VITA V60D X-Ray Scanner



WESTMINSTER  
GROUP PLC



Product Code: 1010-34



## OVERVIEW

The V60D is the next-generation dual-view scanner, equipped with 3D Isometric Perspective and 2D views which are powered VITA OS, offering unmatched image clarity, robust remote capabilities, and precision in identifying materials of interest. This makes it the ideal solution for airports, cargo facilities, helipads, and border operations where screening of parcels and bags is required. Using a cutting-edge, user-friendly touch screen interface, operators have the capability to refine and improve scanned images through various techniques, enabling them to identify and assess potential threats more accurately.

## FEATURES

- TSA Approved
- 3D Isometric Perspective
- Dual-Energy Colour Imaging
- Advanced Image Enhancement Algorithms
- Touch screen monitor
- Intuitive & User-Friendly Controls
- Multilingual Operation
- One-Touch Archive timeline review
- VITA Sentinel – Network Ready
- Best-in-class image quality
- SSD With power loss Protection

## General Specifications

<b>Dimensions:</b>	2350 mm Length
	1150 mm Width
	1366 mm Height
<b>Conveyor Height:</b>	770 mm
<b>Tunnel Size:</b>	615 mm Width x 425 mm Height
<b>Conveyor Speed:</b>	0.22 m/s
<b>Conveyor Load:</b>	185 kg evenly distributed
<b>Approx Weight:</b>	800 kg
<b>System Power:</b>	115/230 VAC ± 10%, 60/50 Hz, 10/5 A max
<b>Networking:</b>	WiFi/Ethernet
<b>Monitor:</b>	24" Touchscreen Monitor / 1920 x 1080 Resolution

## X-ray Generator and Image Performance

<b>Generator:</b>	Two x-ray generators operating at 160 kV
<b>Cooling:</b>	Sealed oil bath and external fan cooling system
<b>Orientation:</b>	Upwards 3D Isometric Perspective and Horizontal
<b>Duty Cycle:</b>	100%
<b>Detectors:</b>	L-Shaped detector array, dual-energy
<b>Wire Resolution:</b>	42 AWG *
<b>Steel Penetration:</b>	44 mm*
<b>Spatial Resolution:</b>	0.8 mm *

## Environmental

<b>Storage Temperature:</b>	-20 to 60°C
<b>Operating Temperature:</b>	0 to 40°C
<b>Relative Humidity:</b>	Up to 95% non-condensing
<b>Altitude:</b>	0 to 2000 m

## Certifications

Designed to be compliant to:

- UL 61010-1, 61010-2-091
- CAN/CSA-C22.2 No. 61010-1-12, 61010-2-091:14
- IEC 61010-1:2010, 61010-2-091:2012

CE compliant to 2006/42/EC, 2014/30/EU, 2014/35/EU

EN61000-6-2, EN61000-6-4, EN61326-1

FCC Title 47 - Part 15 - Subpart B

FDA Title 21 - CFR 1010.2, 1010.3, 1020.40

Health Canada RED Act & Safety Code 29

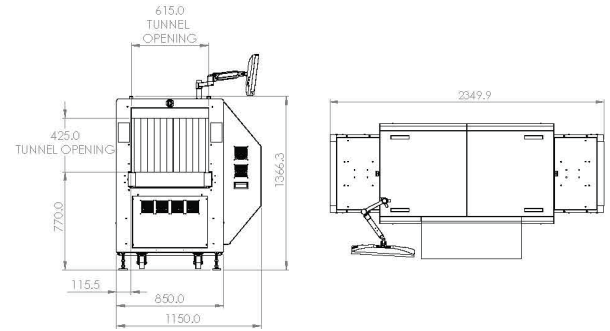
Maximum x-ray leakage: meets all applicable laws and regulations with respect to x-ray emitting devices

Film safety: ISO 1600/33 DIN, ISO 9001:2015

These specifications are subject to change without notice.

\* This data is based on and supported by proprietary quality management test piece

## Dimensions



## STANDARD FEATURES

- Touch screen monitor
- Intuitive scanner controls
- Bi-directional scanning
- Dual-energy imaging
  - Zeff-based color coding
  - Image Edge Enhancement (IEE)
  - Black & White / Negative images
  - Image contrast control
  - Digital continuous pinch zoom and pan
  - Pseudo-color image
  - Organic stripping/only mode
  - Inorganic stripping/only mode
- Shield Alert
- HAT Enhancement
- Automatic scan archiving to disk
  - Scanned item counter
  - One-touch archive timeline review
  - Archive management module
- Administration control panel
- Secure access key for operation
- Remote technical support capable
- Intelligent self-test and diagnosis
- Auto-sensing 115/230V input power
- Internal power conditioner and filtering
- Automatic software-based X-ray tube seasoning
- 12V UPS

## OPTIONAL FEATURES

- Precious Metal Alert (PMA)
- Shrouds and additional curtain layer
- Extended roller tables (various lengths)
- Pressure-sensitive floor mat
- External UPS
- Monitor/console display stand
- Digital camera
- Operator workstation desk
- VITA Sentinel
  - Fleet Status Dashboard
  - Live Monitoring
  - Centralized User Management