

WG IS1517 200kV

Pallet and Cargo X-Ray Scanner

Product Code: 1040-01



WESTMINSTER
GROUP PLC

Key Features



200kV Generators



High Image Resolution



Real-Time Image Manipulation



52 mm Steel Penetration



Real-Time Self Diagnostics



6 Colour Imaging



Overview

The WG IS1517DV 200kV is a X-Ray Inspection System designed for screening cargo at airports, logistics centres, and military bases.

The system is equipped with a powerful 200kV generator capable of penetrating over 50 mm of steel for high-quality imaging beyond competing machines with its tunnel size.

To ensure higher throughput, the WG IS1517 200kV features a heavy roller bed 38.3 cm above the ground, convenient for loading and unloading freight.

With best-in-class software, the WG IS1517 200kV allows operators to recognize objects, identify materials, and isolate threats with greater speed and accuracy.

Its superior imaging technology makes it the ideal solution for high-volume sites that require power and precision to protect against threats from weapons, explosives, and contraband.

Features

200kV Generator

High Image Resolution

Enhanced Material Discrimination

Increased Steel Penetration

Real-time Diagnostics

Picture Perfect Image Analysis

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General Specifications

Conveyor Capacity	2000 kg
Conveyor Height	38.3 cm from Floor
Conveyor Speed	10 cm/s Forward or Reverse
Dimensions	L731.2cm x W259.1cm x H225.1cm
Net Weight	3500 kg
Shipping Weight	4500 kg
Tunnel Size	150.0cm x 170.2cm

Technical Specifications

Steel Penetration	52 mm Typical, 50 mm Standard
Wire Resolution	40 AWG Typical, 38 AWG Standard

X-Ray Generator & Image Performance

Beam Direction	Horizontally Sideward
Duty Cycle	100%, No Warm-up Procedure Required
Tube Current	1.0 mA
Voltage	200kV
Detector	2176 Channels in an L-Shaped Array

Computer & Video

Backup	Uninterrupted Power Supply (UPS)
Display Resolution	1600 x 1200; 24 Bit/ Pixel Colour
Display Type	Dual 24" Flat Panel Colour Monitors
Platform	Windows OS

Environmental

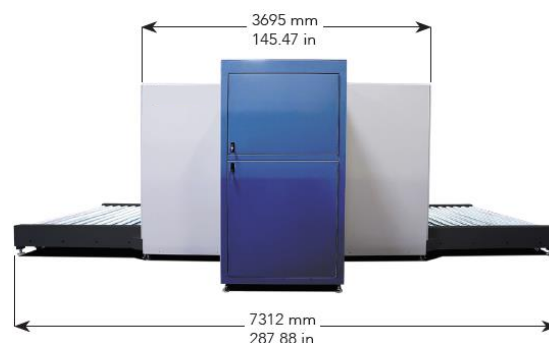
Humidity	Up to 95% Non-condensing
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C

Electrical

System Power	110 VAC +/- 10% 50/60Hz, 15 Amp max, 220VAC +/- 10% 50/60Hz, 10 Amp max
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Health and Safety

Compliant with USFDA Centre 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

- 6 Colour Imaging
- Colour and Black & White Imaging
- Geometric Image Distortion Correction
- High Penetration Function
- Organic/ Inorganic Imaging
- Picture Perfect
- Pseudo Colour
- 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)
- Image Annotation
- JPEG Conversion
- Print Image Capable
- Multi-tier Accessibility
- Network Ready
- Real-time Self Diagnostics
- Baggage Counter

Optional Features

- Barcode Scanning
- Density Alert
- Local Language
- Safe Passage Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) software
- Custom Paint
- Entry/ Exit Roller Tables
- Environmental Kit
- Foot Mat Operator Interlock
- Conveyor Speed 20 cm/s
- Conveyor Capacity 3000kg Evenly Distributed Load
- Radiation Meter
- Remote Workstation Configuration