

# WG IS1517 200kV

## Pallet and Cargo X-Ray Scanner

Product Code: 1040-01



WESTMINSTER  
GROUP PLC

WESTMINSTER

### Key Features



**200kV Generator**



**High Image Resolution**



**Real-Time Image Manipulation**



**52 mm Steel Penetration**



**2,000 kg Roller Conveyor**



**6 Colour Imaging**



### Overview

The WG IS1517 200kV is a X-Ray Inspection System designed for screening cargo at 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 150cm x 170cm tunnel size.

It has a 2,000 kg heavy roller bed, 38.3 cm above the ground, convenient for loading and unloading freight.

6 Colour imaging allows operators to recognise 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

6 Colour Imaging

150 cm x 170 cm Tunnel

Real-time Diagnostics

Picture Perfect Image Analysis

# WG IS1517 200kV

Pallet and Cargo X-Ray Scanner



**WESTMINSTER**  
GROUP PLC

## General Specifications

<b>Conveyor Capacity</b>	2,000 kg
<b>Conveyor Height</b>	38.3 cm from Floor
<b>Conveyor Speed</b>	10 cm/s Forward or Reverse
<b>Dimensions</b>	L731.2cm x W259.1cm x H252cm
<b>Net Weight</b>	3,500 kg
<b>Shipping Weight</b>	4,850 kg
<b>Tunnel Size</b>	150.0cm x 170.2cm

## Technical Specifications

<b>Steel Penetration</b>	52 mm Typical, 50 mm Standard
<b>Wire Resolution</b>	40 AWG Typical, 38 AWG Standard

## X-Ray Generator & Image Performance

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

## Computer & Video

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

## Environmental

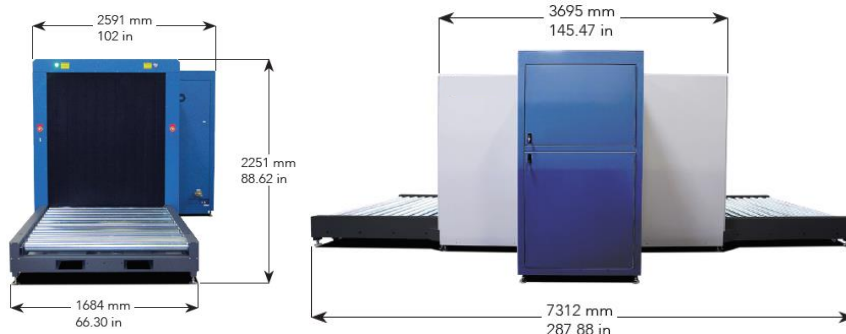
<b>Humidity</b>	Up to 95% Non-condensing
<b>Operating Temperature</b>	0°C to 40°C
<b>Storage Temperature</b>	-20°C to 60°C

## Electrical

<b>System Power</b>	110 VAC +/- 10% 50/60Hz, 15 Amp max, 220VAC +/- 10% 50/60Hz, 10 Amp max
---------------------	--

## 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
- 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

# WG IS1517 320kV

## Pallet and Cargo X-Ray Scanner

Product Code: 1040-01-2



WESTMINSTER  
GROUP PLC

### Key Features



**320kV Generator**



**High Image Resolution**



**Real-Time Image Manipulation**



**80 mm Steel Penetration**



**2,000 kg Roller Conveyor**



**6 Colour Imaging**



### Overview

The WG IS1517 320kV is a X-Ray Inspection System designed for screening cargo at logistics centres, and military bases.

The system is equipped with a powerful 320kV generator capable of penetrating over 80 mm of steel for high-quality imaging beyond competing machines with its 150cm x 170cm tunnel size.

It has a 2,000 kg heavy roller bed, 35.6 cm above the ground, convenient for loading and unloading freight.

6 Colour imaging allows operators to recognise 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

320kV Generator

High Image Resolution

6 Colour Imaging

150 cm x 170 cm Tunnel

Real-time Diagnostics

Picture Perfect Image Analysis

# WG IS1517 320kV

Pallet and Cargo X-Ray Scanner



**WESTMINSTER**  
GROUP PLC

## General Specifications

<b>Conveyor Capacity</b>	2,000 kg
<b>Conveyor Height</b>	35.6 cm from Floor
<b>Conveyor Speed</b>	10 cm/s Forward or Reverse
<b>Dimensions</b>	L1,095cm x W279cm x H292cm
<b>Net Weight</b>	11,500 kg
<b>Shipping Weight</b>	15,000 kg
<b>Tunnel Size</b>	150.9cm x 170.6cm

## Technical Specifications

<b>Steel Penetration</b>	80 mm Typical, 75 mm Standard
<b>Wire Resolution</b>	40 AWG Typical, 38 AWG Standard

## X-Ray Generator & Image Performance

<b>Beam Direction</b>	Horizontally Sideward
<b>Duty Cycle</b>	100%, No Warm-up Procedure Required
<b>Tube Current</b>	7.0 mA
<b>Voltage</b>	320kV
<b>Detector</b>	2176 Channels in an L-Shaped Array

## Computer & Video

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

## Environmental

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

## Electrical

<b>System Power</b>	220VAC +/- 10% 50/60Hz, 50 Amp max
---------------------	------------------------------------

## 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
- 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

