

WG IS6545DV

X-Ray Hand Baggage & Parcel Scanner

Product Code: 1020-06



WESTMINSTER
GROUP PLC

Key Features



Dual 180 kV Generator



High Image Resolution with 24-Bit Colour



Real-Time Image Manipulation



41 mm Steel Penetration



Real-Time Self Diagnostics



Enhanced Material Discrimination



Overview

The WG IS6545DV is an advanced X-Ray Inspection System with the most power available for a system with its tunnel size.

The dual generators are offset by 90°, providing two upward, diagonal views of scanned objects. Each view can be manipulated independently, with separate image filters. This unique configuration allows operators to inspect bags in depth and gives the system a compact footprint well-suited to confined spaces.

With best-in-class software, operators are able to utilise colourful, high contrast filters to identify materials, recognise objects, and isolate threats with better speed and accuracy. The high-quality images enable greater throughput, making the WG IS6545DV an ideal solution for high-volume checkpoints requiring power, reliability, and efficiency.

Features

High Image Resolution with 24-Bit Colour

Enhanced Material Discrimination

Windows Operating System with Intel® Core™ Processor

Real-Time Self Diagnostics

Picture perfect image analysis

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General Specifications

Conveyor Capacity evenly distributed	165 kg
Conveyor Height	69.1 cm from floor
Conveyor Speed	23 cm/ s forward or reverse
Dimensions	L213.3cm x W101.6cm x H129.0cm
Net Weight	800 kg
Shipping Weight	1100 kg
Tunnel Size	W65.7cm x H45.1cm

Technical Specifications

Steel Penetration	41mm Typical, 39 mm Standard
Wire Resolution	41 AWG Typical, 40 AWG Standard

X-Ray Generator & Image Performance

Beam Direction	Diagonally upward shooters
Cooling	Sealed Di-electric oil bath with forced air
Duty Cycle	100%, No warm-up procedure required
Tube Current	Dual 1.2mA
Voltage	Dual 180kV, Operating at 165kV

Computer & Video

Backup	Uninterruptible Power Supply (UPS)
Display Resolution	1280 x 1024; 24 bit/ pixel colour
Display Type	Dual 19" flat panel colour monitors
Memory	4 GB RAM
Platform	Windows OS
Storage Capacity	1 TB HDD, 240 GB SSD

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, 20 amp max, 220VAC +/- 10% 50/60Hz, 15 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	Optional Features
6 colour imaging	Barcode scanning
Colour and black & white imaging	Density alert
Geometric image distortion correction	Local language
High penetration function	Safe passage® computer based training
Organic/ inorganic imaging	Screener assist software
Picture perfect	Test case
Pseudo colour	Threat Image Protection (TIP) software
Real-time image manipulation	24" flat panel monitor
Reverse monochrome	Custom paint
Atomic Z-number measurement	Environmental kit
Material discrimination	Entry / exit roller tables
9 quadrant zoom	Footmat operator interlock
Continuous scanning	Heavy duty casters
Continuous zoom up to 64x	Mobility kit
Vertical zoom panning	Radiation meter
Auto image archiving	Remote workstation configuration
Image review	Sloped conveyor
Save image (RGB)	
Image annotation	
JPEG conversion	
Print image capable	
Multi-tier accessibility	
Network ready	
Real-time self diagnostics	
Baggage counter	

