

# WG IS7858DVS

## Baggage & Parcel X-Ray Scanner

Product Code: 1020-03



WESTMINSTER  
GROUP PLC

### Key Features



180 kV Generator



High Image Resolution with 24-Bit Colour



High-Contrast Image Analysis



39 mm Steel Penetration



Realtime Diagnostics



6 Colour Imaging



### Overview

The WG IS7858DVS is a dual-view X-Ray Inspection System with a minimal system profile, designed for screening small-to-medium objects in confined spaces at airports, logistics centres, government buildings, industrial sites, and military bases.

The dual generators provide two views of scanned objects, diagonally from below and horizontally from the side. Each perspective can be manipulated independently on separate monitors, allowing operators to examine an object simultaneously in different screening modes. This unique configuration produces sharper images while also enabling the system to function inside a narrow frame.

With best-in-class imaging software, the WG IS7858DVS allows operators to make quick, detailed inspections of complex bags and parcels. Superior imaging ensures higher throughput, making it the ideal solution for high-traffic sites that require a smaller footprint and powerful protection from weapons, explosives, and contraband.

### Features

Dual View X-Ray Generators

Enhanced Material Discrimination

High Image Resolution

Real-Time Diagnostics

Minimal System Profile

# WG IS7858DVS Baggage & Parcel X-Ray Scanner



## General Specifications

<b>Conveyor Capacity evenly distributed</b>	165 kg
<b>Conveyor Height</b>	73 cm from floor
<b>Conveyor Speed</b>	23 cm/ s forward or reverse
<b>Dimensions</b>	L259.7cm x W134.6cm x H147.3cm
<b>Net Weight</b>	1200 kg
<b>Shipping Weight</b>	1500 kg
<b>Tunnel Size</b>	W77.8cm x H57.9cm

## Technical Specifications

<b>Steel Penetration</b>	39 mm Typical, 37 mm Standard
<b>Wire Resolution</b>	40 AWG Typical, 38 AWG Standard

## X-Ray Generator & Image Performance

<b>Beam Direction</b>	Diagonally Upward, Horizontally Sideward
<b>Cooling</b>	Sealed Di-electric Oil Bath with Forced Air
<b>Duty Cycle</b>	100%, No Warm-Up Procedure Required
<b>Tube Current</b>	Dual 1.2mA
<b>Voltage</b>	Dual 180kV, Operating at 165kV

## Computer & Video

<b>Display Resolution</b>	1280 x 1024; 24 bit/ pixel colour
<b>Display Type</b>	Dual 19" LCD colour sunlight readable monitor
<b>Memory</b>	4 GB RAM
<b>Platform</b>	Windows OS
<b>Storage Capacity</b>	1 TB HDD, 240 GB SSD
<b>Backup</b>	Uninterruptible Power Supply (UPS)

## 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, 20 Amp Max, 220VAC +/- 10% 50/60Hz, 15 Amp Max
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## Health & Safety

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 the Federal Standard)

## 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

- Radiation Meter
- Density Alert
- Local Language
- Safe Passage Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Protection (TIP) Software
- 24" Flat Panel Monitors
- Environmental Kit
- Custom Paint
- Entry/ Exit Roller Tables
- Foot Mat Operator Interlock
- Heavy Duty Casters
- Long Conveyor
- Remote Workstation Configuration

