

WG IS7858VI X-Ray Baggage & Parcel Scanner



WESTMINSTER
GROUP PLC

Product Code: 1020-03-2

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 IS7858VI X-Ray Baggage & Parcel Scanner has a small footprint and wide tunnel dimensions, which is ideal for screening large baggage and parcels at locations with limited space.

It is equipped with the full range of imaging tools, which allow operators to manipulate scans in real-time.

Alternate imaging modes allow for in depth analysis of intricate, multi-layered bags, while the system's high-resolution imaging makes it easy to distinguish between threatening and non-threatening objects.

With greater clarity and material discrimination, the scanner increases throughput and accuracy, making it the perfect solution for customs, law enforcement, aviation, and infrastructure.

The scanner has 6 Colour Imaging, which enables operators to view screened objects in 6 colours, each colour correlating to a specific range of Atomic Z-Numbers. 6 Colour Imaging enables operators to achieve optimal material identification which serves to improve throughputs

Features

6 Colour Imaging

Atomic Z-Number Measurement

Real-time Diagnostics

Pseudo Colour

Picture Perfect Image Analysis

Real-time Image Manipulation

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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	L229.3cm x W100.6cm x H140.0cm
Net Weight	587 kg
Shipping Weight	861 kg
Tunnel Size	W77.8cm x H58.0cm

Technical Specifications

Steel Penetration	39 mm Typical, 37 mm Standard
Wire Resolution	40 AWG Typical, 38 AWG Standard

X-Ray Generator & Image Performance

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

Computer & Video

Display Resolution	1280 x 1024; 24 bit/ pixel colour
Display Type	Single 19" LCD colour sunlight readable monitor
Memory	4 GB RAM
Platform	Windows OS
Storage Capacity	1 TB HDD, 240 GB SSD
Backup	Automated Voltage Regulator (AVR) (600VA)

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 & 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
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

