

WG IS100XDV Dual View X-Ray Large Baggage and Parcel Scanner



WESTMINSTER
GROUP PLC

Product Code: 1020-04-4

Key Features



Dual-View Images



High Image Resolution with 24-Bit Colour



Real-Time Image Manipulation



39 mm Steel Penetration



Real-Time Self Diagnostics



6 Colour Imaging



Overview

The aviation standard WG IS100XDV Dual View X-Ray Large Baggage and Parcel Scanner has dual generators which are offset by 90°, that provide an upward and 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.

The high-quality images enable greater throughput, making the scanner an ideal solution for high-volume checkpoints requiring power, reliability, and efficiency.

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

Dual-View X-Ray Generators with Detachable Side Shooter

High Image Resolution with 24-Bit Colour

Enhanced Material Discrimination

Windows Operating System with Intel® Core Processor

Real-time Diagnostics

Picture Perfect Image Analysis

WG IS100XDV Dual View X-Ray Large Baggage and Parcel Scanner

General Specifications

Conveyor Capacity evenly distributed	200 kg
Conveyor Height	76.8 cm from Floor
Conveyor Speed	23 cm/ s Forward or Reverse
Dimensions	L303.1cm x W176.6cm x H197.8cm
Net Weight	1,435 kg
Shipping Weight	16,00kg
Tunnel Size	W100.3cm x H100.1cm

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 – View 1	Diagonally Upward, Horizontally Sideward
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	Uninterrupted Power Supply (UPS)
Display Resolution	1280 x 1024; 24 Bit/ Pixel Colour
Display Type	Dual 19" 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, 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

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
Sloped Conveyor
Radiation Meter
Heavy Duty Casters
Remote Workstation Configuration

