

WG IS5335S

X-Ray Mail & Small Parcel Scanner

Product Code: 1020-13-3



WESTMINSTER
GROUP PLC

Key Features



160 kV Generator



High Image Resolution with 24-Bit Colour



Picture perfect image analysis



39 mm Steel Penetration



Realtime Diagnostics



6 colour imaging



Overview

The WG IS5335S is a compact but powerful X-Ray Inspection System that provides more power than any system in its cabinet size.

Capable of fitting through standard doorways, the system's small footprint allows for easy relocation and installation, while the 160kV generator provides improved detection in small objects, such as bags, backpacks, and mail parcels.

Combined with best-in-class software, the WG IS5335S helps operators quickly identify threats using 6-colour material discrimination and high-contrast filters that provide alternative perspectives on scanned objects.

Superior image quality ensures higher throughput, making the WG IS5335S the ideal space-saving solution for sites that require powerful protection against weapons, narcotics, and contraband.

Features

High Image Resolution with 24-Bit Colour

Enhanced Material Discrimination

Windows Operating System with Intel® Core™ Processor

Small Footprint

Picture perfect image analysis

WG IS5335S

X-Ray Mail & Small Parcel Scanner

General Specifications

Conveyor Capacity evenly distributed	165 kg
Conveyor Height	72.9 cm from floor
Conveyor Speed	23 cm/ s forward or reverse
Dimensions	L133.1cm x W76.4cm x H122.5cm
Net Weight	297 kg
Shipping Weight	365 kg
Tunnel Size	W53.3cm x H35.8cm

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	0.7mA
Voltage	160kV, Operating at 150kV

Computer & Video

Power Conditioner	Automated Voltage Regulator, 600VA
Display Resolution	1280 x 1024; 24 bit/ pixel colour
Display Type	Single 19" flat panel colour monitor
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
---------------------	--

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 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
- Screeners assist software
- Test case
- Threat Image Protection (TIP) software
- 24" flat panel monitor
- Custom paint
- Environmental kit
- Entry/ exit roller tables
- Footmat operator interlock
- Heavy duty casters
- Mobility kit
- Radiation meter
- Remote workstation configuration
- Uninterruptible power supply (UPS)
- Dual monitors (19" or 24")

