WG IS6040SE Mobile X-Ray Small Baggage & Parcel Scanner

WESTMINSTER
GROUP PLC

Key Features

〰 **160 kV Generator**

◉ **High Image Resolution with 24-Bit Colour**

⏱ **Real-Time Image Manipulation**

◎ **39 mm Steel Penetration**

⚙ **Real-Time Self Diagnostics**

◠ **6 colour imaging**

Overview

The WG IS6040SE Mobile X-Ray Small Baggage & Parcel Scanner is a uniquely mobile scanner designed for rapid deployment at special events, schools, and sports stadiums where effective threat detection requires power, mobility, and high throughput.

It has shock-absorbing wheels, stainless-steel handles, collapsible roller tables, and a foldable screen. The spill-resistant belt protects the machine's electronics, so users do not have to remove liquid containers from their bags before passing them through the system.

Westminster's optional AI software solution detects guns and knives with incredible precision and accuracy. The fully-integrated solution automatically stops the belt when it detects a threat and isolates it with a coloured box on-screen, for an unmatched level of safety.

Combined with best-in-class software, this allows operators to identify threats with greater speed and accuracy, ensuring the safety of guests with the ultimate in imaging detection.

Features

Optional AI Software

Compact Design for easy storage

Heavy-duty Casters with Shock Absorbers for easy relocation

Real-Time Self Diagnostics

Spill Resistant Conveyor Belt

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General Specifications

Conveyor Capacity evenly distributed	165 kg
Conveyor Height	83.9 cm from floor
Conveyor Speed	23 cm/ s forward or reverse
Dimensions	L242.6cm x W80.4cm x H184.2cm
Net Weight	440 kg
Shipping Weight	558 kg
Tunnel Size	W60.0cm x H40.0cm

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	0.7mA
Voltage	160kV, Operating at 150kV

Computer & Video

Display Resolution	1920 x 1200; 24 bit/ pixel colour
Display Type	Single 24" flat-panel colour monitor
Memory	4 GB RAM
Platform	Windows OS
Storage Capacity	1 TB HDD, 240 GB SSD
Power Conditioner	Automatic 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

Health & 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)
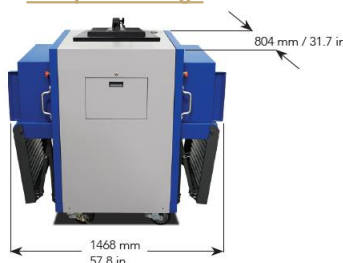
Standard Features	Optional Features
6 colour imaging	Artificial Intelligence (AI)
Colour and black & white imaging	Density alert
Geometric image distortion correction	Enhanced Imaging mode (EI)
High penetration function	Local language
Organic/ inorganic imaging	Computer based training
Picture perfect	Screener assist software
Pseudo colour	Threat Image Protection (TIP) software
Real-time image manipulation	Custom paint
Reverse monochrome	Environmental kit
Atomic Z-number measurement	Radiation meter
Material discrimination	Uninterruptible Power Supply (UPS)
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	
Built-in mobility kit	
Built-in roller tables	
Liquid catch tray conveyor	

Compact Storage

804 mm / 31.7 in

1468 mm
57.8 in

Quick Deployment

1842 mm
72.5 in

2426 mm
95.5 in