



# WESTMINSTER

## INTERNATIONAL LTD

Telephone : +44 (0)1295 756300

Fax : +44 (0)1295 756302

E-Mail : [info@wi-ltd.com](mailto:info@wi-ltd.com)Website : [www.wi-ltd.com](http://www.wi-ltd.com)

## WG IS6040 X-Ray Small Baggage & Parcel Scanner



The WG IS6040 X-Ray Small Baggage & Parcel Scanner has been designed for screening Hand Baggage and small parcels. With its small compact footprint, the system can operate in confined places.

An exclusive standard feature, 6 Colour Imaging enables operators to view screened objects in 6 colours, with each colour correlating to a specific range of Atomic Z-Numbers. 6 Colour Imaging enables operators to achieve optimal material identification and improve throughput with more effective screening technology.

Operators can perform a full analysis with the system's sophisticated screening filters, allowing them to reliably identify threats while ensuring high throughput at even the busiest checkpoints.

Featuring the best in compact checkpoint security, providing high-quality images and greater protection for mailrooms, hotels, and other sites requiring advanced threat detection.

All Westminister X-Ray Systems are equipped with Real-Time Diagnostics, a unique feature which allows users to monitor their machine health status to save you valuable time and money. If requested, Westminister will also be able to connect to your system and troubleshoot any issues remotely.

### PRODUCT HIGHLIGHTS

- 160kV generator, 39 mm steel penetration
- 6 Colour imaging
- Enhanced Material Discrimination
- High Image Resolution with 24-Bit Color
- Optional AI Software
- Picture Perfect Image Analysis
- Real-Time Diagnostics
- Tunnel Size: W60 cm x H40 cm
- Windows Operating System with Intel® Core™ Processor

**STANDARD FEATURES**

- 6 Colour Imaging
- 9 Quadrant Zoom
- Atomic Z-Number Measurement
- Auto Image Archiving
- Baggage Counter
- Colour and Black/White Imaging
- Continuous Scanning
- Continuous Zoom Up to 64x
- Geometric Image Distortion Correction
- High Penetration Function
- Image Annotation
- Image Review
- JPEG Conversion
- Material Discrimination
- Multi-Tier Accessibility
- Network Ready
- Organic/Inorganic Imaging
- Picture Perfect
- Print Image Capable
- Pseudo Colour
- Real-Time Image Manipulation
- Real-Time Self Diagnostics
- Reverse Monochrome
- Save Image (RGB)
- Vertical Zoom Panning

**OPTIONAL FEATURES**

- 24" Flat Panel Monitor
- 8 Colour Imaging
- AI Software
- Barcode Scanning
- Custom Paint
- Density Alert
- Dual Monitors (19" or 24")
- Enhanced Imaging Mode
- Entry/Exit Roller Tables
- Environmental Kit
- Extended Tunnel Covers
- Foot mat Operator Interlock
- Heavy Duty Casters
- Local Language
- Long Conveyor
- Mobility Kit
- Radiation Meter
- Remote Workstation Configuration

**GENERAL SPECIFICATION**

- Conveyor Capacity: 165 kg (364 lbs) Evenly Distributed Load
- Conveyor Height: 71.6 cm (28.2") from Floor
- Conveyor Speed: 23 cm/s (45 ft/min) Forward or Reverse
- Dimensions: L143.3 cm x W84.6 cm x H124.5 cm, - L56.4" x W33.3" x H49.0"
- Net Weight: 370 kg (820 lbs)
- Shipping Weight: 490 kg (1,080 lbs)
- Tunnel Size: W60 cm x H40 cm, - W23.6" x H15.7"

**Technical**

- 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 bath with Forced Air
- Duty Cycle: 100%, No Warm-Up Procedure Required
- Tube Current: 0.7 mA
- Voltage: 160kV, Operating at 150kV

**Computer & Video**

- Display Resolution: 1280 x 1024; 24 Bit/Pixel Color
- Display Type: 19" Flat Panel Colour Monitor
- Memory: 4 GB RAM
- Platform: Windows OS
- Power Conditioner: Automatic Voltage Regulator (AVR), 600VA
- Storage Capacity: 1TB HDD, 240 GB SSD

**Environmental**

- Humidity: Up to 95% Non-Condensing
- Operating Temperature: 0°C to 40°C / 32°F to 104°F
- Storage Temperature: -20°C to 60°C / -4°F to 140°F

**Electrical**

- System Power: 110 VAC +/- 10% 50/60Hz, 15 Amp Max , 220 VAC +/- 10% 50/60Hz, 10 Amp Max

**Health & Safety**

- Film Safety: Guaranteed up to ISO 1600 (33 DIN)
- 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/h (Leakage less than 0.5 mR/hr permitted by U.S. Federal Standards)
- TSA Certified, DFT Compliant

**Generator Upgrade**

- Upgrade to 180kV Generator - Penetration ASTM F792: 41 mm Steel Typical, 39 mm Standard. Test 1: 40 AWG, Test 3: 1 mm Horizontal / Vertical, Test 4: 34 mm

- Safe Passage Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- Uninterruptible Power Supply (UPS)

