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WG IS X-Ray Mobile Screening - Mini Van



The WG IS Mobile X-Ray Screening Van is a mobile screening solution ideal for rapid deployment. Featuring a tunnel size of 100.0 cm x 100.0 cm (39.4" x 39.4"). The Minivan is the mobile screening solution best suited for areas where space is limited, but the need for security is absolute.

It is equipped with an advanced X-Ray Baggage Scanner capable of detecting organic and inorganic items such as weapons, explosives and narcotics using unique 6 colour software which significantly enhances the operator's ability to identify suspicious items.

The WGIS Mini Van features a high-powered 180kV generator, Climate Controlled Operator Cabin, Power Steering, Hydraulic Disc Brakes, Customizable with shore power and or Generators for All Systems.

All Westminster X-Ray Systems are equipped with Real-Time Diagnostics, a unique feature which allows users to monitor their machine health status, thus greatly increasing the system lifespan. This software has been designed to save you valuable time and money. If requested, Westminster can connect to your system and troubleshoot any issues remotely.

6 Colour Imaging

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.

STANDARD FEATURES

- 6 Colour Imaging
- 9 Quadrant Zoom
- Atomic Z-Number Measurement
- Auto Image Archiving (150,000)
- Baggage Counter
- Colour and Black/ White Imaging
- Continuous Scanning
- Continuous Zoom up to 64x
- Geometric Image Distortion Correction
- Heavy Duty Roller Casters
- High Penetration Function
- Image Annotation
- Image Review
- JPEG Conversion
- Material Discrimination
- Multi-Tier Accessibility
- Network Ready
- Operator Training Program (OTP)
- 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

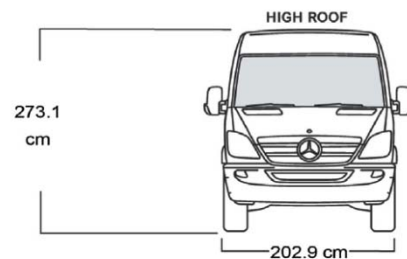
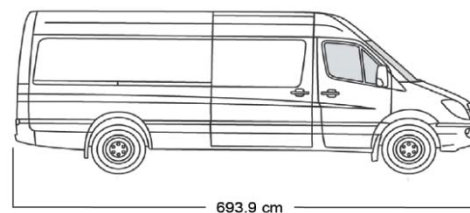


OPTIONAL FEATURES

- Density Alert
- Entry / Exit Roller Tables
- Image Analysis Program (IAP)
- Image Analysis Program – LITE (IAP – LITE)
- Intercom System
- Local Language Support
- Radiation Meter
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software
- Wireless Barcode Scanning

APPLICATIONS

- Airports
- Government buildings
- Military installations
- Political events
- Prisons
- Random check points
- Seaports
- Security check points
- Sporting events
- VIP events.



SPECIFICATIONS

Operational Penetration & Sensitivity

- Contrast Sensitivity: 24 Visible Levels, 4096 Gray Level
- Spatial Resolution: 1.6 mm Horizontal, 1.6 mm Vertical
- Steel Penetration1: 37 mm Typical, 35 mm Standard
- Wire Resolution: 40 AWG Typical, 38 AWG Standard

Computer

- Backup: Uninterruptible Power Supply (Computer Operation - 20 Minute)
- Memory: 4 GB RAM
- Platform: Windows® OS
- Processor: Intel® Core i5
- Storage: 500 GB HDD, 120 GB SSD
- Video Card: 1 GB Video Card

Physical

- Conveyor Capacity: 200 Kg (440 lbs) Evenly Distributed Load
- Conveyor Speed: 23 cm/s (45 ft/min)
- Input: Powered Conveyor
- Model: Custom Dual-Doors Mercedes-Benz Sprinter 3500 High
- Net Weight: 3402 kg (7500 lbs)
- Output: Gravity Driven Roller
- Tunnel Opening: 100.0 cm x 100.0 cm (W x H) 39.4" x 39.4"
- Vehicle Dimensions: 693.9 cm x 202.9 cm x 273.1 cm (L x W x H) 273.2" x 79.9" x 107.5
- Wheel Base: 432.5 cm (170.3")

SPECIFICATIONS

X-Ray Generator

- Beam Direction: Vertically Downward
- Cooling: Sealed Di-Electric Oil Bath with Forced Air
- Detector: 2304 Channels in an L-Shaped Array
- Duty Cycle: 100%, No Warm-Up Procedure Required
- Tube Current: 1.2 mA
- Voltage: 180kV, Operating at 165kV

Environment

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

Video Display

- Display Resolution: 1600 x 1200; 24 Bit/Pixel Colour
- Display Type: Dual 24" LCD Colour Monitors

Electrical Connection

- 110VAC±10%, 50/60Hz, 15 Amp Max
- 220VAC ±10%, 50/60Hz, 10 Amp Max

Safety / Standards

- 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 the Federal Standard)
- Film Safety: Guaranteed up to ISO 1600 (33DIN)