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WG IS1080D Low Conveyor X-Ray Large Baggage & Parcel Scanner



The WG IS1080D Low Conveyor X-Ray Large Baggage & Parcel Scanner has been designed for screening Large Baggage and Parcels for contraband items.

It has a Low Conveyor only 30 cm (12.0") above the floor enabling easy loading and unloading of heavy items. It can carry up to 200 kg (440 lbs.), Tunnel size of W100 cm x W80 cm and Steel Penetration of 39 mm.

It is TSA Certified and DFT Compliant.

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.

All Westminster 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, Westminster will also be able to connect to your system and troubleshoot any issues remotely.

FEATURES

- Enhanced Material Discrimination
- Low Conveyor only 30 cm (12.0") above the floor
- High Image Resolution with 24-Bit Colour
- Picture Perfect Image Analysis
- Real-Time Diagnostics
- TSA Certified and DFT Compliant.
- 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
- Distortion Correction
- Geometric Image
- 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

- Barcode Scanning
- Custom Paint
- Density Alert
- Entry/Exit Roller Tables
- Environmental Kit
- Foot mat Operator Interlock
- Heavy Duty Casters
- Local Language
- Mobility Kit
- Radiation Meter
- Remote Workstation Configuration
- Safe Passage Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software

SPECIFICATIONS**General**

- Conveyor Capacity: 200 kg [441 lbs] Evenly Distributed Load
- Conveyor Height: 30 cm [12"] from Floor
- Conveyor Speed: 23 cm/s [45 ft/min] Forward or Reverse
- Dimensions: L239.2 cm x W127.5 cm x H170.1 cm, L94.16" x W50.1" x H66.9"
- Net Weight: 810 kg [1,785 lbs]
- Shipping Weight: 1,105 kg [2,435 lbs]
- Tunnel Size: W101 cm x H80cm W40" x H31.4"

Technical

- Steel Penetration: 37 mm Typical, 35 mm Standard
- Wire Resolution: 40 AWG Typical, 38 AWG Standard

X-Ray Generator & Image Performance

- Beam Direction: Vertically Downward
- Cooling: Sealed Di-Electric Oil Bath with Forced Air
- Detector: 2176 Channels in an L-Shaped Array
- Duty Cycle: 100%, No Warm-Up Procedure Required
- Tube Current: 1.2 mA
- Voltage: 180kV, Operating at 165kV

Computer & Video

- Backup: Uninterruptible Power Supply (UPS) [Computer Operation]
- Display Resolution: 1600 x 1200; 24 Bit/Pixel Color
- Display Type: Dual 24" Flat Panel Color Monitor
- Platform: Windows OS

Environmental

- 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

Electrical

- System Power: 110VAC +/- 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)
- TSA Certified, DFT Compliant

