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WG IS1818DV (200kV) Dual View X-Ray Pallet and Cargo Scanner



The WG IS1818DV (200kV) Dual View X-Ray Pallet and Cargo Scanner has been designed for screening dense, bulky cargo, it provides operators with two views of scanned objects, from the top and from the side, each view can be manipulated independently, ensuring detailed and reliable inspections of tightly packed cargo pallets allowing operators to recognise objects, identify materials, and isolate threats with greater speed and accuracy.

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.

It has a tunnel of 180 cm width and 180 cm height and a heavy roller bed is only 38 cm (15") above the floor, convenient for loading and unloading freight, which can support 2,000 kg (4,409 lbs) of cargo without compromising throughput speed.

Its dual 200kV generators provide 50 mm of steel penetration and clear, high-resolution images, making it an ideal solution for airports, logistics centres, customs facilities, and military bases.

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

- Dual 200kV Generators
- High Image Resolution with 24-Bit Colour
- Enhanced Material Discrimination
- Windows Operating System with Intel® Core™ Processor
- Real-Time Diagnostics
- Picture Perfect Image Analysis

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
- Local Language
- Radiation Meter
- Remote Workstation Configuration
- Safe Passage Computer Based Training
- Screener Assist Software
- Test Case
- Threat Image Projection (TIP) Software

SPECIFICATION

General

- Dimensions: L853.1 cm x W289.6 cm x H316.8 cm, [L335.9" x W114.0" x H124.7"]
- Net Weight: 5,800 kg (12,787 lbs)
- Roller Bed Capacity: 3,000 kg (6,614 lbs) Evenly Distributed Load
- Roller Bed Height: 38.3 cm (15.0") from Floor
- Roller Bed Speed: 20 cm/s (40 ft or 12m/min), Forward or Reverse
- Shipping Weight: 7,300 kg (16,094 lbs)
- Tunnel Size: W180.7 cm x H180.4 cm, [W71.1" x H71.0"]

Technical

- Steel Penetration: 52 mm Typical, 50 mm Standard
- Wire Resolution: 40 AWG Typical, 38 AWG Standard

X-Ray Generator & Image Performance

- Beam Direction: Horizontally Sideward, Vertically Downward
- Detector: 4864 Channels in an L-Shaped Array
- Duty Cycle: 100%, No Warm-Up Procedure Required
- Tube Current: Dual 1.0 mA
- Voltage: Dual 200kV Generators

Computer & Video

- Backup: Uninterruptible Power Supply (UPS) (Computer Operation)
- Display Resolution: 1600 x 1200; 24 Bit/Pixel Colour
- Display Type: Dual 24" Flat Panel Colour Monitors
- 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, 20 Amp Max, 220VAC +/- 10%, 50/60Hz, 15 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

