

Multi-View X-Ray Inspection System

Product Code: 1020-15



WESTMINSTER
GROUP PLC

Key Features



Multi-View Generators



High Resolution Images



Real-Time Image Manipulation



39 mm Steel Penetration



Real-Time Self Diagnostics



6 Colour Imaging



Overview

The Multi-View X-Ray Inspection System reduces blind spots and generates images with greater clarity, depth, and detail.

A single scan provides three separate views from three distinct angles, for superior visibility.

Combined with multi-colour material discrimination and advanced visual software, the Multi-View X-Ray Inspection System allows operators to carry out quick, accurate inspections.

With its stainless steel accents, the Multi-View X-Ray Inspection System has a refined aesthetic well-suited to professional environments, and its small footprint allows it to fit through standard doorways for easy installation.

Features

Multi-View Imaging & Improved Depth Perception

High Resolution Images

Enhanced Material Discrimination

Real-Time Diagnostics

Small Operational Footprint

Multi-View X-Ray Inspection System

General Specifications

Conveyor Capacity evenly distributed	165 kg
Conveyor Height	73 cm from Floor
Conveyor Speed	23 cm/ s Forward or Reverse
Dimensions	L187.2cm x W83.3cm x H134.6cm
Net Weight	717 kg
Shipping Weight	785 kg
Tunnel Size	W60.0cm x H42.0cm

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	1.2mA
Voltage	180kV, Operating at 170kV

Computer & Video

Power Conditioner	Automatic Voltage Regulator, 600VA
Display Resolution	920 x 1080; 24 Bit/ Pixel Colour
Display Type	24" Jitter-Free Monitor
Platform	Windows OS
Memory	16GB RAM
Storage Capacity	1TB HDD, 240 GB SSD

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
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Health and Safety

Film Safety: Guaranteed up to ISO 1600 (33 DIN)
 Compliant with USFDA Center 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

- 6 Colour Imaging
- Colour and Black & White Imaging
- Geometric Image Distortion Correction
- High Penetration Function
- Organic/ Inorganic Imaging
- Picture Perfect
- Pseudo Colour
- Real-time Image Manipulation
- Reverse Monochrome
- Atomic Z-number Measurement
- Material Discrimination
- 9 Quadrant Zoom
- Continuous Scanning
- Continuous Zoom up to 64x
- Vertical Zoom Panning
- Auto Image Archiving
- Image Review
- Save Image (RGB)
- Multi-tier Accessibility
- Network Ready
- Real-time Self Diagnostics
- Baggage Counter

Optional Features

- Barcode Scanning
- Enhanced Imaging Mode
- Local Language
- Test Case
- Custom Paint
- Environmental Kit
- Radiation Meter
- Remote Workstation Configuration
- Uninterruptible Power Supply (UPS)

