WG IS100XDV Dual View X-Ray Large Baggage and Parcel Scanner



Product Code: 1020-04-4

Key Features



Dual-View Images



High Image Resolution with 24-Bit Colour



Real-Time Image Manipulation



39 mm Steel Penetration



Real-Time Self Diagnostics



6 Colour Imaging



Overview

The aviation standard WG IS100XDV Dual View X-Ray Large Baggage and Parcel Scanner has dual generators which are offset by 90°, that provide an upward and diagonal views of scanned objects.

Each view can be manipulated independently, with separate image filters, this unique configuration allows operators to inspect bags in depth and gives the system a compact footprint well-suited to confined spaces.

The high-quality images enable greater throughput, making the scanner an ideal solution for high-volume checkpoints requiring power, reliability, and efficiency.

The scanner has 6 colour Imaging, which enables operators to view screened objects in 6 colours, each colour correlating to a specific range of Atomic Z-Numbers. 6 Colour Imaging enables operators to achieve optimal material identification which serves to improve throughputs.

Features

Dual-View X-Ray Generators with Detachable Side Shooter

High Image Resolution with 24-Bit Colour

Enhanced Material Discrimination

Windows Operating System with Intel® Core Processor

Real-time Diagnostics

Picture Perfect Image Analysis

WG IS100XDV Dual View X-Ray Large Baggage and Parcel Scanner



General Specifications

Conveyor Capacity evenly

distributed 200 kg

Conveyor Height 76.8 cm from Floor

Conveyor Speed 23 cm/s Forward or Reverse

Dimensions L303.1cm x W176.6cm x H197.8cm

Net Weight 1,435 kg Shipping Weight 16,00kg

Tunnel Size W100.3cm x H100.1cm

Technical Specifications

Steel Penetration39 mm Typical, 37 mm StandardWire Resolution40 AWG Typical, 38 AWG Standard

X-Ray Generator & Image Performance

Beam Direction - View 1 Diagonally Upward, Horizontally

Sideward

Cooling Sealed Di-electric Oil Bath with Forced

Air

Duty Cycle 100%, No Warm-up Procedure Required

Tube Current Dual 1.2mA

Voltage Dual 180kV, Operating at 165kV

Computer & Video

Backup Uninterrupted Power Supply (UPS)

Display Resolution 1280 x 1024; 24 Bit/ Pixel Colour **Display Type** Dual 19" Flat Panel Colour Monitors

Platform Windows OS

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, 20 Amp

max, 220VAC +/- 10% 50/60Hz, 15 Amp

max

Health and 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)

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)

Image Annotation

JPEG Conversion

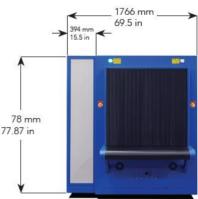
Print Image Capable

Multi-tier Accessibility

Network Ready

Real-time Self Diagnostics

Baggage Counter



Optional Features

Barcode Scanning

Density Alert

Local Language

Safe Passage Computer Based Training

Screener Assist Software

Test Case

Threat Image Projection (TIP) software

Custom Paint

Entry/ Exit Roller Tables

Environmental Kit

Foot Mat Operator Interlock

Sloped Conveyor

Radiation Meter

Heavy Duty Casters

Remote Workstation Configuration

2007 mm 79.00 in