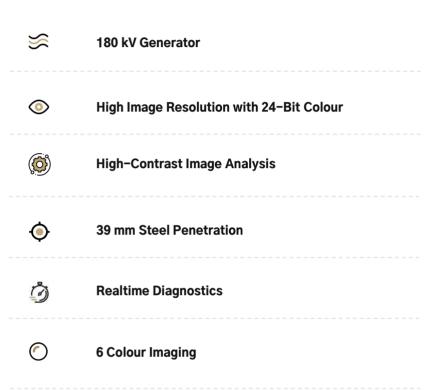
# WG IS7858VI X-Ray Baggage & Parcel Scanner



Product Code: 1020-03-2

### **Key Features**





### **Overview**

The WG IS7858VI X-Ray Baggage & Parcel Scanner has a small footprint and wide tunnel dimensions, which is ideal for screening large baggage and parcels at locations with limited space.

It is equipped with the full range of imaging tools, which allow operators to manipulate scans in real-time.

Alternate imaging modes allow for in depth analysis of intricate, multi– layered bags, while the system's high–resolution imaging makes it easy to distinguish between threatening and non–threatening objects.

With greater clarity and material discrimination, the scanner increases throughput and accuracy, making it the perfect solution for customs, law enforcement, aviation, and infrastructure.

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**

6 Colour Imaging

Atomic Z-Number Measurement

Real-time Diagnostics

Pseudo Colour

Picture Perfect Image Analysis

Real-time Image Manipulation

## WG IS7858VI X-Ray Baggage & Parcel Scanner



#### **General Specifications**

Conveyor Capacity evenly

distributed 165 kg

Conveyor Height 69.1 cm from floor

Conveyor Speed 23 cm/s forward or reverse

**Dimensions** L229.3cm x W100.6cm x H140.0cm

Net Weight 587 kg Shipping Weight 861 kg

Tunnel Size W77.8cm x H58.0cm

**Technical Specifications** 

Steel Penetration39 mm Typical, 37 mm StandardWire Resolution40 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 165kV

Computer & Video

**Display Resolution** 1280 x 1024; 24 bit/ pixel colour

**Display Type** Single 19" LCD colour sunlight readable

monitor

Memory 4 GB RAM
Platform Windows OS

Storage Capacity 1 TB HDD, 240 GB SSD

Backup Automated Voltage Regulator (AVR)

(600VA)

**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

Health & Safety Ma

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 the Federal Standard)

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

Real-Time Self Diagnostics

Baggage Counter

**Optional Features** 

Radiation Meter

Density Alert

Local Language

Safe Passage Computer Based Training

Screener Assist Software

Test Case

Threat Image Protection (TIP) Software

24" Flat Panel Monitors

Environmental Kit

**Custom Paint** 

Entry/ Exit Roller Tables

Foot Mat Operator Interlock

**Heavy Duty Casters** 

Long Conveyor

Remote Workstation Configuration

