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WG 15+ Mail Cabinet X-ray Scanner



The WG 15+ Mail Cabinet X-ray Scanner is an ideal solution for screening mail and small parcels for contraband items.

It has a Smart card login which allowing configuration to enable data collection of individual user sessions further enhancing the effectiveness of the operators.

It is easy to use and has a small footprint together with many detection features.

FEATURES

- 3-point density alert, Operator can define the elements of a 'suspect devices' such as metal components e.g. detonators & batteries.
- All user data, date, operator's login, name, session time, no of exposures made, log off time etc are captured in the Microsoft Access™ database.
- Compliance with Ionising Radiation Regulations 2017 (IRR17).
- Enhanced Powder Detection software allows greater recognition of "powder" threats.
- High Definition imaging for the detection of IEDs, Powder Threats and Weapons sent via the mail.
- High quality digital camera and enhanced X-ray generator delivers superior image quality for greater detection.
- Image storage locally or onto an external hard drive or network for easy reference and verification.
- One touch email function enables escalation of potential suspect images to security professionals.
- Operators are assigned a login; management can map who is using the scanner and when.
- User friendly providing access tools enabling rapid image processing.
- WIFI Ready [can be added as an optional extra]

FEATURES AND BENEFITS

Feature	Benefit
Image Enhancement	
Enhanced Powder Detection	Heightened ability to identify threats conveyed via powder-based elements.
Digital camera and Powerful generator	Hi resolution images with increase ability to detect.
Negative Image Function	Identity of high-density materials. e.g. [metal] shown up white against a black background.
High Density Alert	Aids identification of materials such a plastic explosive.
Medium Density Alert	Identification of materials such as alloys & mild steel.
3 Point Density Alert	Elements of a 'suspect devices' metal components e.g. detonators & batteries are more easily defined.
Operating System	
Smart Card login	Designated access with record of all operator sessions.
Touch screen interface	Quickly selection of tools for rapid Verification that objects are "Safe or Suspect."
Session data	Manage operator usage and record of suspect items.
Administrator Function	Levels of access and functionality can be set by Administrator.
Image Storage & Sharing	
Print/Export images	A hard copy library can be created as reference or images can be shared.
Automatic Image archiving	Cross reference and accelerated referral to security personnel
One Touch Email Function	Enables escalation process images to be shared across departments.

PRODUCT SPECIFICATION

Operating Requirements & Environment

- Operating Temperature: 0 to +40°C
- Power Requirement: 240v/110v, 50/60Hz, 1000W
- Relative Humidity: 85% non-condensing
- Storage Temperature: -15°C to +50°C
- Supplied with 1.5m power cable

Cabinet

- Depth: 670mm
- Height: 1504mm
- Net Weight: 160kg
- Width: 455MM

Inspection Chamber

- Depth: 586mm
- Height: 540mm
- Width: 448mm

Image Area

- Width: 409mm - Depth: 547mm

Door opening

- Height: 535m - Width 370mm

PRODUCT SPECIFICATION

Health & Safety and Compliance

- Complies with European Directive 93/68/EEC
- Leakage dose at outer surface <1.0µSv/has specified Ionising Radiation Regulations 2017 (IRR17)
- Twin circuit electro-magnetic safety interlocks to BS EN 60204-1

Optional Extras

- Cabinet Test Piece (CTP)
- External Uninterrupted Power Supply (UPS)
- Inkjet Printer
- Monitor Stand
- WIFI Capability

X-ray Generator

- Anode Voltage 90kV

Image and Unit Performance

- Image Resolution 1910 x 1080 pixels
- Steel Penetration: 3mm
- Touch Screen LCB 22" Monitor
- Wire Resolution: 36AWG