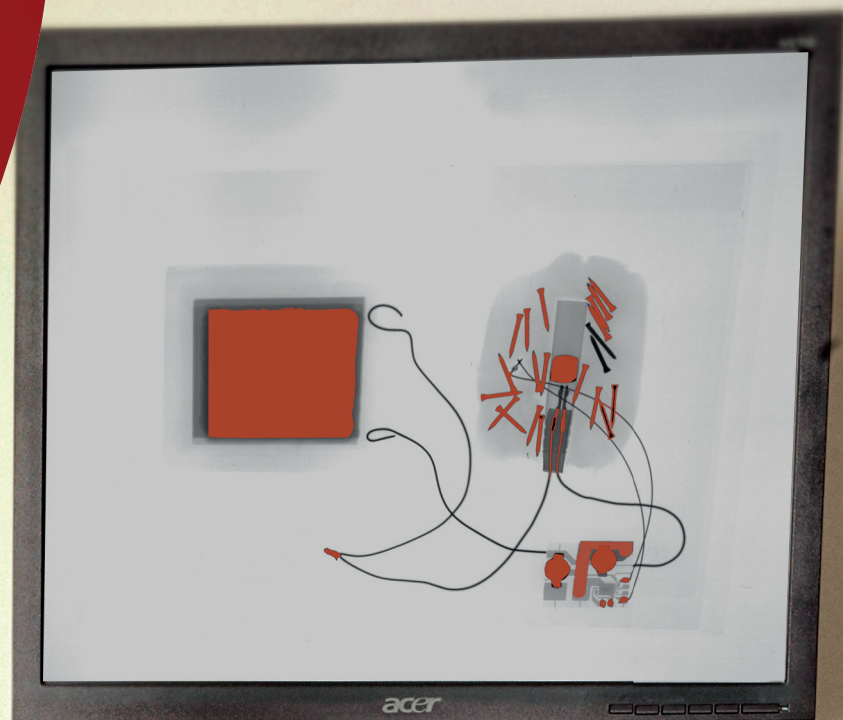




SCANMAX

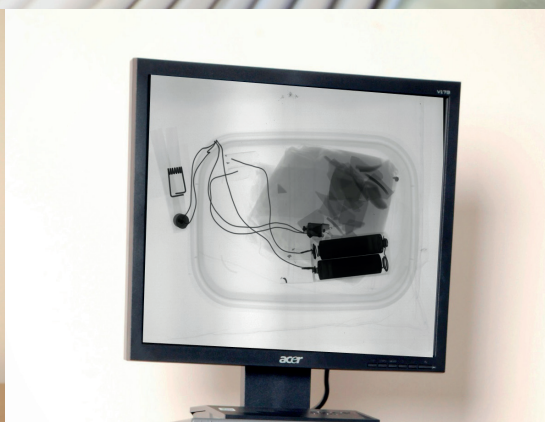
Postal X-ray Screening Equipment



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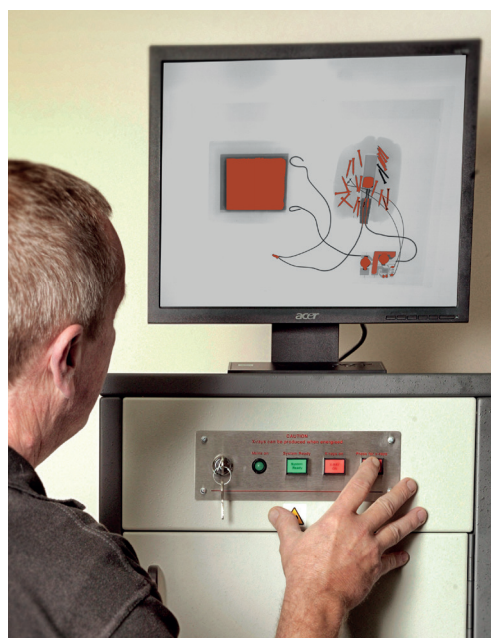
Postal Cabinet X-ray systems

The **Scanmax** family of cabinet X-ray systems guarantees you the high definition X-ray images that you need for the accurate and confident screening of mail for potential hazards and threats. Postal screening is the first line of defence against postal hazards and Scanmax helps deliver security and peace of mind for you and your business.

Scanmax X-ray screeners represent a World Leading investment in the safety and security of mailroom staff and are trusted to deliver top class X-ray imaging in a safe and robust cabinet.

Scanmax systems are designed for ease of use by non-technical staff. Their slim-line design, which includes desk mounted variants means that the use of expensive office and mailroom space is kept to an absolute minimum. There are three models in the product range. The compact Scanmax 15 can be situated on or under a desktop or used in conjunction with an optional wheeled trolley. The Scanmax 25 is floor standing and is ideal for screening larger parcels and briefcases whilst having a similar footprint to a small filing cabinet. The Scanmax 225 is our premium model incorporating an advanced X-ray imaging capability as well as our World-class Scanview X-ray image enhancement software. This allows detailed image investigation as well as having image export, print, email and network capabilities.

Scanmax X-ray units produce clear, definition rich, X-ray images of mail, courier and baggage items to allow operators to quickly and easily distinguish between legitimate and malicious or prohibited items.



Features and Benefits

Rapid Screening

Mail and courier items are simply placed into the X-ray inspection chamber and a single button action produces an almost instant clear image of the contents.

Compact and Easy to use

Scanmax X-ray machines are specifically designed for use by non-technical staff. Their compact design and small footprint means they can be used in even the smallest mailrooms.

High Definition Imaging

To ensure operators can identify powders and IED component parts, Scanmax auto enhances X-ray images for optimum clarity. Additional standard enhancement features include multi-zoom, colour options for highlighting medium and high density materials and inverse, negative feature for highlighting fine wires.

Advanced Features

Scanmax 225 incorporates our proprietary Scanview image enhancement software that provides a much broader range of features including colour maps for the improved detection of difficult to see threats such as white powders and incendiary devices.

Images can be stored directly onto the X-ray machine hard drive or exported as a Windows format file to USB stick, or to a shared network folder. Images can also be printed or emailed externally which allows security decisions to be made without additional personnel having to enter an area of potential danger. The ability to export threat images is invaluable for notifying police to ensure that your threat is correctly escalated.

Safe and Secure

Scanmax X-ray units use very low level X-rays and conform to International Electrical Safety and Radiation Standards. For your peace of mind and re-assurance, Radiation Safety and Test reports are provided with every system.



Technical Specifications - X-ray Cabinets

Scanmax 15



Scanmax 25



Scanmax 225



	Scanmax 15	Scanmax 25	Scanmax 225
Imaging Area:	390 mm x 300 mm	540 mm x 395 mm	540 mm x 395 mm
Chamber Footprint:	300 mm x 400 mm	560 mm x 420 mm	560 mm x 420 mm
Chamber Height:	340 mm	535 mm	535 mm
Door Opening:	340mm x 220 mm	535 mm x 340mm	535 mm x 340 mm
Cabinet Dimensions:	Depth: 500 mm Width: 310 mm Height: 890 mm	Depth: 610 mm Width: 430 mm Height: 1615 mm	Depth: 610 mm Width: 430 mm Height: 1615 mm
Cabinet Weight:	114 kgs	170 kgs	180 kgs
Power Requirements:	110/230V, 50/60 Hz Single phase	110/230V, 50/60 Hz Single phase	110/230V, 50/60 Hz Single phase
Control Specifications:	Key Switch, Power On Light, X-ray On Light, System Ready Light, X-ray Trigger Switch	Key Switch, Power On Light, X-ray On Light, System Ready Light, X-ray Trigger Switch	Key Switch, Power On Light, X-ray On Light, System Ready Light, X-ray Trigger Switch, USB Port
	NSN: 6350-99-481-9804	NSN: 6350-99-213-1308	NSN: 6350-99-667-7050

Technical Details subject to change.



Included Accessories

Scanmax 15/25

- Wheeled Trolley Base
- 17" TFT Colour Monitor
- Trackball Mouse
- Inverse Image
- 3 Colour Maps for highlighting areas of different densities
- 8 x Multiple Zoom

Scanmax 225

- Wheeled Trolley Base
- 17" TFT Colour monitor
- Keyboard
- UPS
- Image Archiving to Hard Disk Drive
- Image Download via Ethernet and USB2 Pen Drive

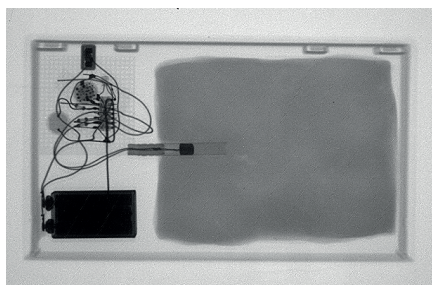
- TCP/IP Network Protocol
- Remote Access
- Printer Connectivity
- Other Custom Options
- 19" Monitor Displays
- Remote Monitor
- Remote X-ray Acquisition

Scanview X-ray Imaging Software

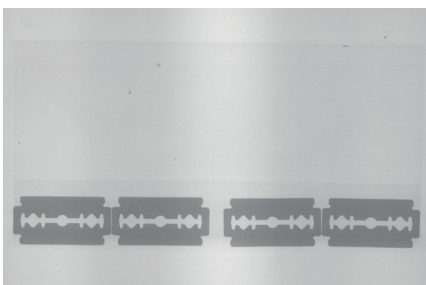
Scanview Features:

- Brightness and contrast adjustment
- Gamma correction/stretch
- Pseudo colour images
- Inverse (polarity) image
- Edge enhancement
- Find edges
- Smoothing
- Sharpening
- 3D (Emboss) imaging
- Image rotate
- Flip and mirror image
- Sub-image
- Clean
- Import/export images
- Digital zoom
- Multiple zoom including zoom thumbnail window
- Zoom to region of interest
- Grid overlay
- Image stitching and cropping
- Calibrate measurements
- Measure (multiple units)
- Multiple undo, image restore
- Copy/paste
- Overlay
- Histocontrast
- Histogram equalisation
- Annotate images,
- Save annotations
- Select region
- Shaped regions
- User login
- Password controlled safety timeout
- Incident reference creation
- Visual database of images including name, date, category, place, file name
- Save and export images in windows formats – jpg, bmp, tif
- Query and sort in database
- Ability to back up database including name, date, category
- Email option
- Foreign language options
- On-screen help
- Customised Options

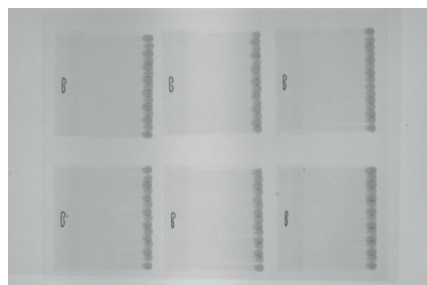
Postal IEDs/Letterbombs



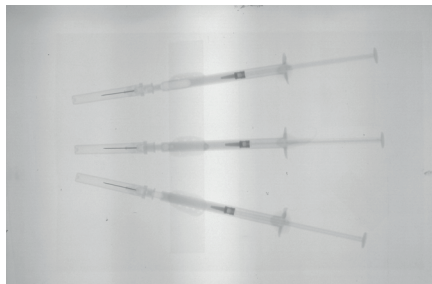
Razor Blades/Cutting Devices



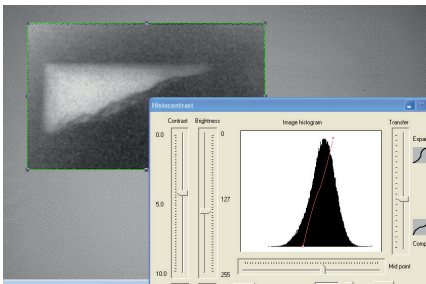
Incendiary Devices



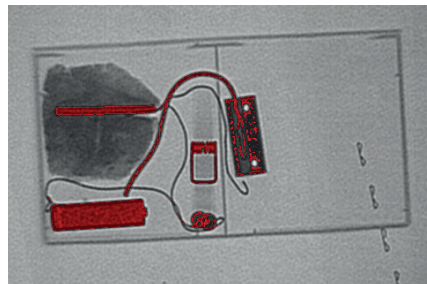
Blood-filled Syringes/Sharps



White Powders/Chemical Substances



Software highlight of Dense Material



Imaging Expertise

Our partners, Scanna MSC, has a long track-record of providing high performance X-ray imaging equipment to Government, Military and the Private Sectors.

Scanna has a deep understanding of the security challenges faced by our customers and our postal X-ray screeners are designed with this in mind. Scanmax X-ray units combine high performance electronics with easy to use functionality, enabling operators to make intelligent decisions regarding the recognition and detection of suspicious packages.

Scanmax cabinet X-ray systems deliver industry-leading image quality to enable fast, reliable mailscreening, which combined with staff training and regular maintenance will provide you with a sound security investment for many years to come.

High Performance

- High-definition images
- Resolve threats including white powders, incendiaries and Postal IEDS
- Low servicing requirements

Range of Options

- Space saving compact and larger floor standing cabinets
- Standalone and network models with print and email functionality
- Basic and advanced software features available

User Friendly

- Fast and simple to set up and use
- View X-ray images on screen almost instantly
- Straightforward colour image enhancements and software functionality

Field Proven

- Designed to meet the requirements of the British Government PAS97:2012 mailscreening specifications
- Tough, robust cabinet design
- Meets the requirements of the UK Ionising Radiation Regulations 1999

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