



WESTMINSTER

INTERNATIONAL LTD

Telephone : +44 (0)1295 756300

Fax : +44 (0)1295 756302

E-Mail : info@wi-ltd.com

Website : www.wi-ltd.com

WGX-25 X-Ray Mail Scanner



Compact and easy to use, the WGX-25 is a freestanding postal security x-ray screening cabinet designed for easy use by non-technical staff; it combines a large inspection chamber with a slim-line cabinet allowing you to examine volume mail, large parcels and briefcases in areas where space is at a premium.

The WGX- 25 is a large capacity X-ray scanner that sees inside your mail and provides instant on the spot confirmation of the contents of unusual or un-expected packages, providing you with security and peace of mind for your business.

WGX- 25 has a large capacity X-Ray Mail Screening chamber of 56 x 42 cm making it the perfect postal x-ray scanner for checking bundles of letters, courier deliveries, parcels and handbags.

WGX- 25 produces a clear colour image of a packet's contents which is displayed on-screen allowing you to distinguish easily between harmless items and malicious mail and instantly confirm a parcel's safety. Items are placed into the front loading inspection chamber and a single button action produces a clear image of the contents in seconds.

Images are automatically enhanced for greater clarity with the option to be shown negative or inversed. There is also an 8 x zoom option and 3 colour options for highlighting medium and high density objects, as well as powders, syringes and circuitry. Image enhancements are made using a simple handheld mouse. All images are stored on screen until the next x-ray exposure is made.

The WGX-25 is able to clearly view powders in envelopes provided the envelopes are scanned flat in small batches (up to 40 envelopes on top of the envelope containing powder).

SPECIFICATION

- 17" flat panel viewing monitor
- 3 Colour Maps for highlighting areas of different densities
- 8 x Multiple Zoom
- Cabinet X-ray Scanner
- Camera: 1.3 megapixel minimum
- Cooling Method: Oil Cooled
- Current: 8 mA
- Dimensions: H: 161.5cm x W: 43 cm x D: 61cm H: 63.5" x W: 17" x D: 24" Net Weight: 170kg
- Door Opening: Height: 53.5 cm, Width: 34 cm
- Handheld Mouse Control
- Image Area: Depth: 54cm, Width: 39.5cm
- KvP: 70-90 KvP
- Magnetic media: will not damage magnetic tape, computer discs, CDs DVDs, video tape, ID cards, Credit Cards
- Mains Lead
- Max Humidity: 95%
- Max Parcel size: Height: 50 cm, Width: 40 cm, Depth: 55 cm
- Monitor IEC lead
- Penetration: 3 mm steel
- Power Requirements: 100V +/- 15% and 220V +/- 15% single phase 50/60 hz - (state voltage when ordering)
- Radiation: Meets all published international radiation regulations with emissions of less than 0.1 microsieverts per hour
- Shipping Dims: H: 150 cm x W: 112 cm x D: 77 cm H: 60" x W: 31" x D: 45" Weight: 250kgs
- System safety key
- Temperature: 0 -40 C
- VGA monitor lead
- Wheeled Trolley Base
- Wire Detection: 36 AWG

OPTIONS

- 19" monitor
- Blast protection cladding
- Remote monitor and mouse

SPECIFICATION

Safe and Secure

Cabinet X-ray machines produce only very low level x-rays and conform to all published international Electrical Safety and Radiation Standard. Each x-ray cabinet is issued with a Radiation Safety and Test Certificate. It is completely safe for use by any person including pregnant women. Designed and tested to comply too the British Security Industry Standard: PAS97:2012 Specification for Mail screening as well as US FDA Standards for Cabinet X-ray systems CFR 1020.40.

Compact and Easy to Use

WGX-25 is a freestanding postal security x-ray screening cabinet combining a large screening chamber with a compact physical size. It is designed for ease of use by non-technical staff and the front loading door and small footprint mean it can be located virtually anywhere in the workplace. Basic Operator Training and X-ray image recognition charts can be provided.

Versatile Monitor

The 17" flat screen monitor can sit on top of unit, on top of desk or be remote wired to a security control room. This is an advantage over postal cabinet x-ray units incorporating a built in monitor (remote viewing possible and no unit shutdown or expensive maintenance due to monitor error- simply swap over monitor)

Image Enhancements

Images are automatically enhanced for optimum clarity with the option to be shown in negative. There are also several image enhancement options for highlighting low, medium and high density materials as well as for defining powders, syringes and circuitry. Image enhancements are made using a simple handheld mouse. All images are stored on screen until the next x-ray exposure is made. Tests have shown that you are able to clearly view powders in envelopes provided the envelopes are scanned flat in small batches (up to 40 envelopes on top of the envelope containing powder).

UPGRADES

Upgrade available - please see WGX-225.

- 1.5 megapixel camera
- Advanced Image Analysis
- Network capability
- PC Link
- Print, Save, Share and Stream Images
- Remote diagnostics
- Remote viewing across network

X-RAY IMAGING SOFTWARE

- Annotate images,
- Calibrate measurements
- Copy/paste
- Email option
- Foreign language options
- Histocontrast
- Histogram equalisation
- Image stitching and cropping
- Incident reference creation
- Measure (multiple units)
- Multiple undo, image restore
- Overlay
- Password controlled safety timeout
- Save and export images in windows formats – jpg, bmp, tif
- Save annotations
- Select region
- Shaped regions
- User login
- Visual database of images including name, date, category, place, file name

X-RAY IMAGING SOFTWARE

- 3D (Emboss) imaging
- Ability to back up database including name, date, category
- Brightness and contrast adjustment
- Clean
- Digital zoom
- Edge enhancement
- Find edges
- Flip and mirror image
- Gamma correction/stretch
- Grid overlay
- Image rotate
- Import/export images
- Inverse (polarity) image
- Multiple zoom including zoom thumbnail window
- On-screen help
- Pseudo colour images
- Query and sort in database
- Sharpening
- Smoothing
- Sub-image
- Zoom to region of interest

