



WESTMINSTER
INTERNATIONAL LTD

Excellence through Service
Protecting your world



fire



safety



security



defence

WG 755-ME Baggage Scanner

The Westminster WG 755-ME is a state-of-the-art baggage scanner designed to provide fast, effective screening of luggage and packages. The combination of a 75cm x 55 cm tunnel opening and innovative photocell bar technology allow the screening of a wide range of items.

Key Features

- ▶ New tunnel size 75cm x 55cm;
- ▶ Superior B&W and colour image quality;
- ▶ Designed to show threat items and organic materials inside a hand-bag;
- ▶ Ideal to scan items of any shape, thanks to the new photocell bar;
- ▶ Feature state-of-the-art detection technology and PC data management software;
- ▶ Advanced service software;
- ▶ TIP complying with EU 23/2008;
- ▶ Designed for networkability.



Black and white image: Details and definition



Color image: Materials with different Z

Imaging Features

- ▶ Completely renewed imaging software;
- ▶ First-class penetration and resolution;
- ▶ Real time "on-the-fly" image processing at 24-bit;
- ▶ Automatic colour coding of materials with different Z atomic number (organic, inorganic, metallic).

WI Code: 10466/0

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The Association of
Police and Public
Security Suppliers



The Defence
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WG 755-ME Baggage Scanner

Operating System

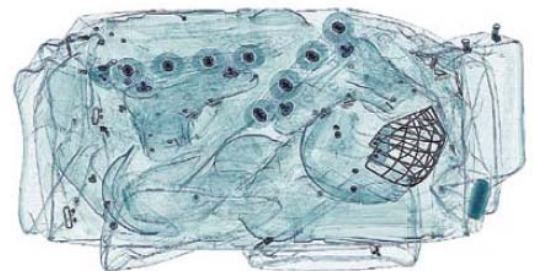
- ▶ Based on Linux operating system;
- ▶ User-friendly interface;
- ▶ Multi-level access;
- ▶ New digital archiving system;
- ▶ Easy data import/export;
- ▶ High interoperability;
- ▶ Client-server platform;
- ▶ Windows compatible.

Networking

- ▶ Data sharing via network;
- ▶ TIP reports and configurations accessible from supervisor station;
- ▶ Central archive of all work sessions and images acquired on the network (networking AIMS);
- ▶ Management of network operating settings from a remote supervisor workstation;
- ▶ Further screening with remote operator workstation(s);
- ▶ Multilevel inspection architecture.



Image with threat item and dark alarm



Baggage image with post-processing

Standard Image Enhancement

Features

- ▶ Organic/inorganic materials discrimination (low, medium and high Z);
- ▶ Continuous contrast variation;
- ▶ Continuous variation of penetration levels;
- ▶ Reverse Image;
- ▶ Variable edge enhancement;
- ▶ Energy stripping;
- ▶ Pseudo colours;
- ▶ Continuous zoom x2 up to x64 and rotozoom;
- ▶ All features available "on the fly";
- ▶ Density alarm with adjustable threshold;
- ▶ Image storage on removable devices;
- ▶ Off-line post-processing on work sessions.



Inspection unit

Dimensions: 2630mm (L) x 1065mm (W) x 1462.50mm (H)

Weight: 580kg

Tunnel size: 756mm (W) x 550mm (H)

Conveyor belt height: 735mm

Belt speed: 0.2m/s

Maximum bag weight: 200kg

1 17" CRT monitor SVGA, 1280 x 1024

Power supply: Monophase 230VAC +/- 10%

Frequency: 50Hz +/- 3Hz

Power absorption: ≤ 1.5kVA

Duty cycle: 100%

X-Ray generator

High frequency monobloc

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Tube voltage: 150kV

Tube current tube: 0.7mA

Beam Orientation: Diagonal upwards

Environmental compliance

Operational temperatures: 0°C to 40°C

Storage temperature: -20°C to +60°C

Humidity: 95% without condensation

Protection class: IP22

Noise level: < 60dB

Detection characteristics

Resolution: 38 AWG

Penetration: 27mm guaranteed, 30mm typical

1152 detectors: In two "L"-shaped rows of photodiodes

Health and Safety

The system fully meets the applicable international regulations for X-Ray equipment

Leakage dose at 10cm: < 1.0µSv/h (0.1mR/h)

Film safety: guaranteed up to ISO 1600/33 DIN

Options

ADS

TIP

NetServer & TIPNet

Digital image archiving (AIMS)

AIMS Networking

Modular roller tables

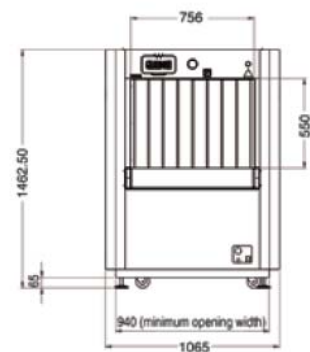
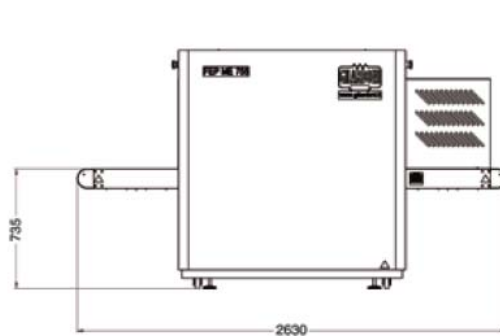
19" LCD monitors

19" LCD widescreen monitor

Monitor enclosure

Remote workstation(s)

UPS



Dimensions in mm

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