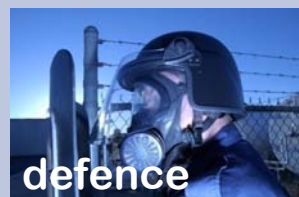




WESTMINSTER
INTERNATIONAL LTD

Excellence through Service
Protecting your world



WG 1000 Body Scanner

The WG1000 Body Scanner is an effective people screening solution for detecting explosives, narcotics, ceramic weapons and inorganic metal materials.

The system produces high resolution images that enable the operator to easily identify concealed threat and contraband items.

Features

- ▶ Hands-Off Screening;
- ▶ Typical throughput 150 persons per hour;
- ▶ Privacy Protection;
- ▶ High Resolution Imaging.

Applications

- ▶ Airports;
- ▶ Border crossings;
- ▶ Embassies;
- ▶ Government buildings;
- ▶ Military installations;
- ▶ Prisons;
- ▶ Seaports;
- ▶ Security checkpoints;
- ▶ VIP security.

Operation

This system has been developed with advanced techniques to protect the privacy of the person being screened while enabling effective detection of threat items.

The system is completely safe for all persons and exceeds the requirements of health authorities worldwide.

This dependable system is easy to use and is the most widely deployed image-based people screening solution.

An organic image is produced as a result of the "Compton Scattering effect"; when the emitted beam contacts organic materials, it is "scattered back" toward the system.

The information is received by high resolution detectors and passed to advanced image processing software to display both organic and inorganic materials to the operator while protecting the privacy of the person being screened.



WI Code: 10078/2

Westminster International Ltd,
Westminster House,
Blacklocks Hill,
Banbury,
Oxfordshire OX17 2BS,
United Kingdom.
T: +44 (0)1295 756300
F: +44 (0)1295 756302
E: info@wi-ltd.com
W: www.wi-ltd.com

The Association of
Police and Public
Security Suppliers



The Defence
Manufacturers
Association



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Specifications

Regulatory Compliance & Safety

- ▶ The WG1000 complies with the applicable FDA requirements and ANSI Standards;
- ▶ The FDA has classified the WG1000 as a device under Section 201(h) of the Federal Food Drug and Cosmetic Act (FFDCA) and the safety of the product is addressed by the provisions of Subchapter C – Electronic Product Radiation Control;
- ▶ The WG1000 has been assigned the FDA Succession number 9110663-03;
- ▶ The ANSI Standard is N43.17 and is titled "Radiation Safety for Personnel Screening Systems Using X-ray";
- ▶ CE Compliant.

Image

- ▶ Image Acquisition Scan rate: Less than 8 seconds per view;
- ▶ Display: 17 inch high-resolution colour monitor.

Power Specifications

- ▶ 115V systems: 115V single phase, 60Hz, 12 Amps;
- ▶ 230V Systems: 220-240V single phase, 50/60Hz, 6 Amps.

Dimensions

- ▶ Floor Space: width 200cm x length 269cm in front;
- ▶ Overhead clearance: 204cm minimum;
- ▶ Unit Weight: 499 kilograms;
- ▶ Physical Dimensions: width 126cm x width 95cm x height 218cm.

X-Ray Radiation Comparisons

- ▶ WG1000: Less than 10 microRem per examination.

The following are some of the typical exposure levels that can be experienced with other types of X-ray systems and some naturally occurring sources:-

- ▶ Medical CT (CAT Scan): Up to 1,000,000 microRem;
- ▶ Chest, Mammography: Up to 10,000 microRem;
- ▶ Background Radiation;
- ▶ Denver 5,000ft: Up to 600 microRem per day;
- ▶ Miami Sea Level: Up to 300 microRem per day;
- ▶ Inside vs. outside a building: Up to 25 microRem per day;
- ▶ Airline Passenger Dose: One hour flight: Up to 500 microRem per hour.

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