

WG SP

Dual View Body Scanner

Product Code: 12163



WESTMINSTER
GROUP PLC



Key Features



Automatic alert system



Registration and control system



Whole body and abdomen detectors



Emergency button



Accurate and continuous inspection



ANSI/ HPS N43.17-2009 compliant

Overview

The WG SP Dual View Body Scanner is capable of providing the highest level of safety in accordance with the requirement for prisons, airports, border venues and government facilities.

Designed with the latest technology, the low dose x-rays, combined with the scan time of only 7 seconds, provides excellent detection of dangerous and illegal objects such as weapons, phones, liquids, explosives, drugs, wires and plastics.

The WG SP Dual View Body Scanner offer 2 images. The double vision technology delivers higher image quality, especially in the area of the abdomen, increasing reliability in the inspection process.

Features

Secure log in

Emergency button

Print image function

7 second scanning time

200kg load capacity

Technical Specifications

X-Ray Image Properties

- **Dimensions of inspection channel:** H2096 x W698 mm

Scanning Process

- **Carrier type:** Conveyor belt
- **Scanning time:** 7 seconds
- **Load capacity:** 200kg

X-Ray Generator (whole body & abdomen image)

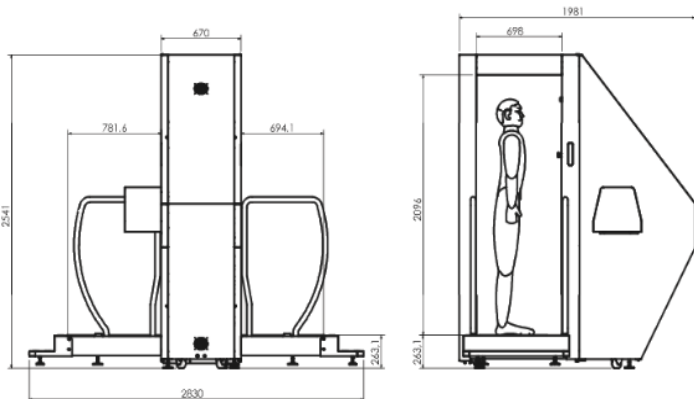
- **Anode voltage in operation:** 170Kv
- **Wire resolution:** 38AWG
- **X-Ray detectors:** Whole body & abdomen
- **Displays:** 24" for full body & 18" for abdomen, High resolution LCD monitor

Dose per Inspection

- **Dual view mode:** 0.5 to 4.0 μ Sv (fully adjustable)

Dimensions

- **Without cab:** L2830 x W1981 x H2541 mm
- **Weight without cab:** 986.5kg
- **With cab:** L2840 x W2047 x H2603 mm
- **Weight with cab:** 1826kg
- **Voltage:** 127/220VAC, single phase, 50/60 Hz, phase, neutral & ground
- **Power:** 1kVA
- **Operating temperature and humidity:** 0 to 50°C 5% to 95% noncondensing
- **Storage temperature and humidity:** -40°C to 60°C / 5% to 95% noncondensing



Technical Specifications

Database Features

- Warns the operator if the inspected person exceeded the number of acceptable scans or dosage limits
- Secure login password to operate the equipment
- Image ID: Identity of the person being inspected
- Automatic control of the accumulated dose for each individual inspected
- Automatic capture photo / video of the person being scanned (with optional video camera)
- Registration system for inspected person
- Biometry
- Database integration with other systems in one network (optional)
- Automated Backup and Recover

Image processing features

- Zoom/ pan
- Auto contrast adjustment
- Correction range
- Edge enhancement
- Control brightness and contrast
- Reverse black / white
- Image export
- Printing images
- Enables scan of the entire body including the shoe soles

Radiation Safety

- For full body and abdomen
- Integrated dosimeter (optional)
- Intercom between the operator and the Individual inspected (optional)
- Visual signal when the scanner is on and when there is inspection going on and x-ray being emitted
- Emergency button that can be activated by the inspected person
- Console with key and emergency button for activation of equipment by the operator
- Shielded cabin as an optional, by installing it to the unit the maximum x-ray leakage 10cm away from the unit is going to be <1-Sv/h (ideal for confined and restricted areas)

*Complies with the ANSI/ HPS N43.17-2009 standard