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WG SP Single View Body Scanner



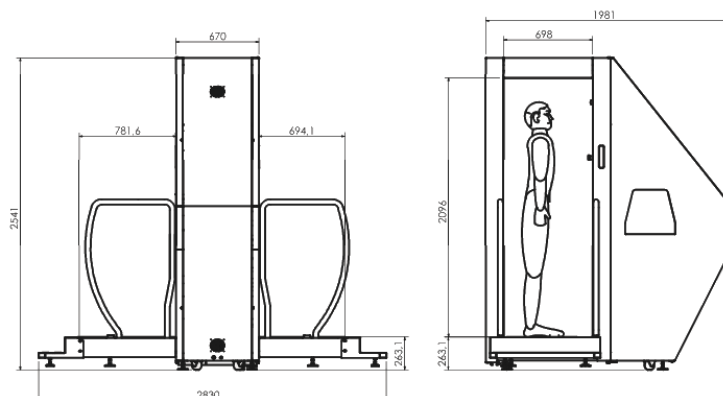
The WG SP Single View Body Scanner utilises the latest technology to inspect persons for objects hidden inside or outside the body.

It will detect dangerous and illegal objects such as weapons, phones, liquids, explosives, drugs, wires and plastics.

Low dose X-rays combined with the scan time of only 7 seconds.

It is available in different configurations with each providing an exceptional level of detection, safety and efficiency.

Complete security for protection of establishments such as airports, ports, railway stations, prisons, embassies, gold/diamond mines and government buildings.



TECHNICAL SPECIFICATION

X-ray image properties

- Dimension of inspection channel: 2096mm (H) X 698mm (W)

Scanning Process

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

X-ray generator (whole body image)

- Anode Voltage in Operation: 170kV
- Wire resolution: 38AWG
- X-ray detectors: Whole body
- Displays: 24" for full body. High resolution LCD monitor

Dose per Inspection:

- Single View mode: 0.2 to 2.0 μ Sv (fully adjustable)

Radiation Safety:

- For full body
- 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 $<1 \mu$ Sv/h (ideal for confined and restricted areas)

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

TECHNICAL SPECIFICATION

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

Dimensions:

Without Cab

- Length: 2830mm
- Width: 1981mm
- Height: 2541mm
- Weight: 836,5kg

With Cab

- Length: 2840mm
- Width: 2047mm
- Height: 2603mm
- Weight: 1676kg
- Voltage: 127/220VAC, single phase, 50/60 Hz, phase, neutral and ground
- Power: 1kVA
- Operating temp: 0 to 50°C 5% to 95% noncondensing
- Storage temp and humidity: -40°C to 60°C / 5% to 95% noncondensing