WESTMINSTER
INTERNATIONAL LTD

WG CP Dual View Full Body X-Ray Screening System

NARCOTICS IN BODY CAVITIES

PRECIOUS STONES AND RARE METALS

ELECTRONICS AND DETONATORS

EXPLOSIVES AND LIQUIDS

CERAMIC AND PLASTIC BLADES

WEAPONS

The WG CP Dual View Full Body Screening System has been designed to meet the goals and challenges of today's security requirements providing flexible, safe, and effective X-ray human Inspection at Airports, Ports, Borders and Prison environments.

The system provides a Dual View high-resolution image from two different angles of the torso, the torso is the most common and most critical area of X-ray inspections of persons.

Dual View images increases detection capability, especially with small quantities of narcotics and other commonly smuggled substances like explosives, blades, knives, guns and contraband.

There are more than 460 installations of this type of system worldwide.

The system provides operators with a fast 7 second scan assisting with detection of contraband, concealed drugs, bombs, explosives, fire guns, knives and blades etc

Applications
- Airports & Ports
- Border Crossings / Check points
- Customs
- Diamond and metal mines
- High security locations - nuclear power plants, military premises embassies, etc.
- Industrial locations - smuggling of high-value goods
- Prisons

Features
- 3 different scan settings for Single and Dual View modes
- Automatic drug detection software
- Built-in privacy masking software
- Multi-screen and remote viewing compatible
- Software fully compatible with most access control systems
- Meets ANSI 43.17.2009 Standard

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Detection ON or IN the Body?

- Ceramic and plastic blades
- Electronic devices
- Explosives and supporting components
- Guns, knives and other items that can be used as weapons
- Narcotics in body cavities
- Small precious stones and rare metals

Benefits

- 15 years' experience in people screening
- Easy to use and operate
- Excellent X-ray image quality
- Fast throughput
- Flexible system

Options

- Bulletproof cabin
- CCTV, Barcode reader
- Face camera
- Fingerprint scanner
- Intercom system
- Multi-operator function Laser printer
- Passport reader
- Software for automatic narcotics detection

SPECIFICATIONS

Installation data

- Operating temperature: 0 - 45 °C [32 - 113 °F]
- Humidity: 10% - 90% [non-condensing]
- Power supply 110-230 VAC, 50/60 Hz, 1.5 kVA
- Image Display: 24" 1080P LED [Full], 19" 1080P LCD [Torso] touch screen optional
- Image enhancement: Automatic optimisation, zoom, b/w reverse, edge enhance, colour overlay, brightness/contrast
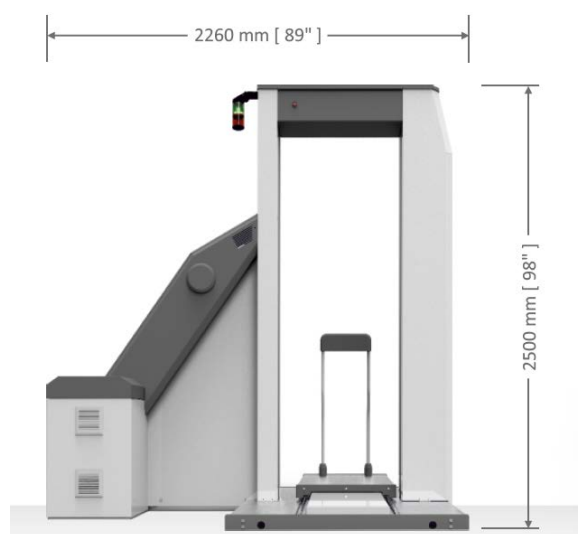
Real time imaging system

- 27" optional touch screen monitor
- Digital X-ray detector: 896 / 1344-pixel, L-shaped [Full], 448 / 704 pixel, linear [Torso]
- Image manipulation features: Zoom, b/w reverse, edge enhance, colour overlay, auto filters, brightness/contrast
- Monitor: 2 x 24" LED,
- Penetration at steel: 34 mm [1.34"]
- Scanning modes: 3 independently configurable modes plus on/off toggle of Dual View [6 total]
- Software: Windows compatible
- Wire detectability: 32 AWG typical [Full], 38 AWG typical [Torso]
- X-ray dose per inspection: Fully adjustable 0.10 μ Sv – 4.5 μ Sv - 0.25 μ Sv typical for single view, - 2.0 μ Sv typical for dual view

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Options

- Camera / CCTV: Surveillance photo and video storage
- Data input: Barcode, RFID, passport reader, other
- Network: Integration with Data Management System Server for additional data storage
- Radiation protection: Lead shield with window [36"W x 72"H] and/or shielded cabin

Physical characteristics

- Dimensions: L2,260 mm x W1,840 mm x H2,500 mm [89" x 60" x 98"]
- Duty cycle: 100% - 24 hrs continuous operation
- Platform capacity: 300 kg [661 lbs]
- Scanning: speed 7 seconds
- Weight: 860 kg [1,896 lbs]

Typical Images

INTERNALLY CONCEALED SCALPEL BLADE

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