



WG Mattress Analysing X-Ray System



Compact, lightweight and probable X-Ray System designed for the inspection of mattresses.

The WG Mattress X-Ray System is a compact conveyor type X-ray screening system, which is a fast, effective and contact free way to inspect mattresses and inmates personal property.

The X-ray system can be relocated and deployed wherever security inspection is needed, due to the compact design and special wheels. This X-ray System fits through standard interior doorways.

This movable and highly versatile system is designed specifically to address the problem of contraband hidden in mattresses. It can be brought directly to cell blocks or dormitories to assist the inspection process. It is created to eliminate the need to fold mattresses to fit into conventional X-ray inspection systems.

The WG Mattress X-Ray System also a standard baggage scanner functionally to inspect mail and personal property with a simple user-friendly touch screen interface.

STANDARD FEATURES

- Automatic detection of most common contraband
- Can process mattresses of most suppliers
- Automated inspection process
- No need for special training
- Contraband detection assistance software
- Simple and user-friendly touch screen interface
- Fits through standard doorways
- On- board and networked data storage
- Remote diagnostics features
- Image review and other advanced software features
- Optional special stair-stepping wheels
- Network integration

SPECIFICATION

- Inspection tunnel dimensions - (WxH) 870 x 240mm (34.25" x 9.45")
- Conveyor speed - $0,22 \pm 0,03$ m/s (0.49 ± 0.06 mph)
- Maximum distributed load on the conveyor, max - 15kg (33.07lb)
- Operating requirements - From +10 to +35C (+50 to +95F)
- Humidity - Up to 90%
- Power supply - 110/230 VAC $\pm 10\%$, 50/60 Hz
- Power consumption, max - 0,6 Kva
- Anode voltage - 100kV (max. Voltage – 160kV)
- Angle of radiation - 15 degrees
- Steel penetration - 14 mm (0.55")
- Wire detectability - At least 36 AWG
- Dual-energy detector – Yes
- Number of colours within the X-ray image – 4
- Dimensions, max (LxWxH) - 800 x 1270 x 1405mm (31.5" x 50" x 55.31")
- Weight, max - 310kg (683.43lb)

APPLICATION

- Prisons and Jails
- Juvenile detention facilities
- Shelters
- Residential treatment centres
- Work/boot camps

