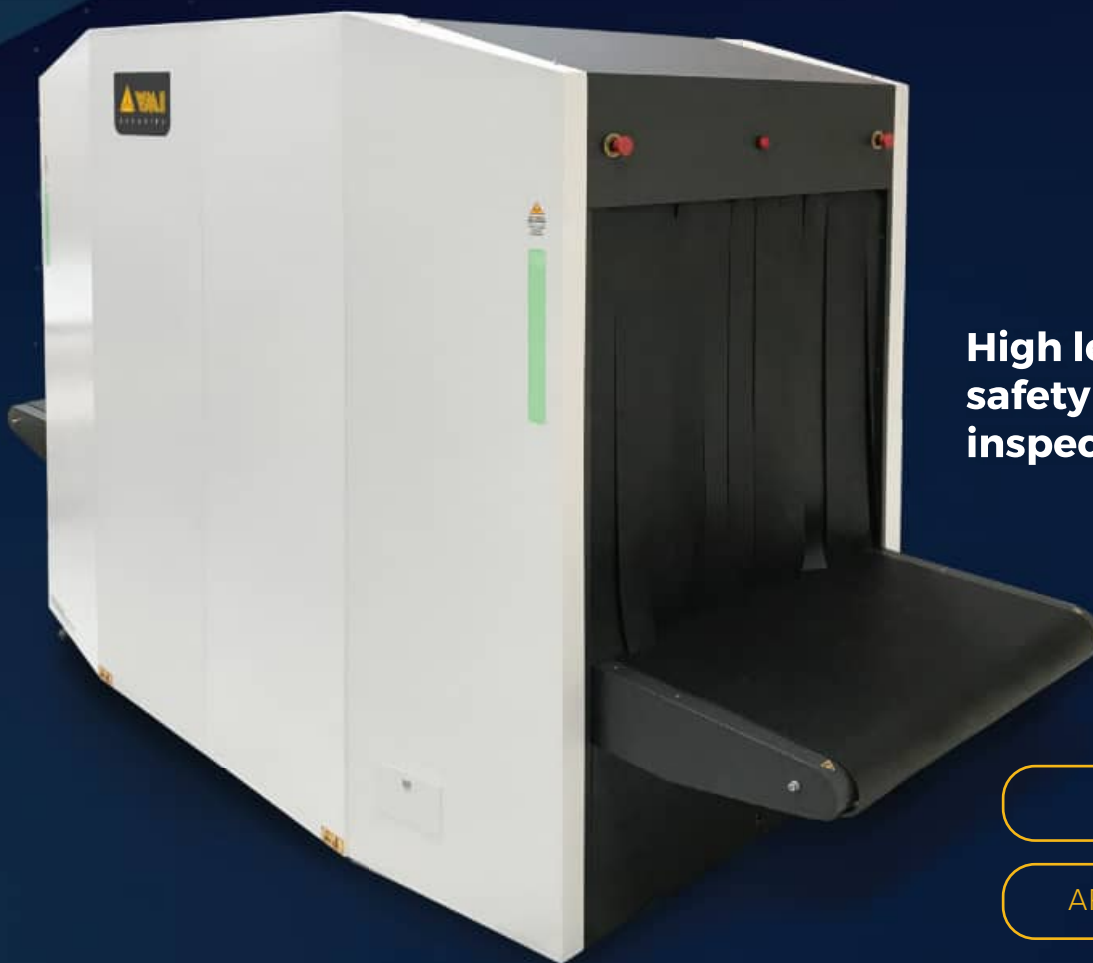




High level of control and safety for non-invasive inspection.

ONVIF COMPATIBILITY

ARTIFICIAL INTELLIGENCE

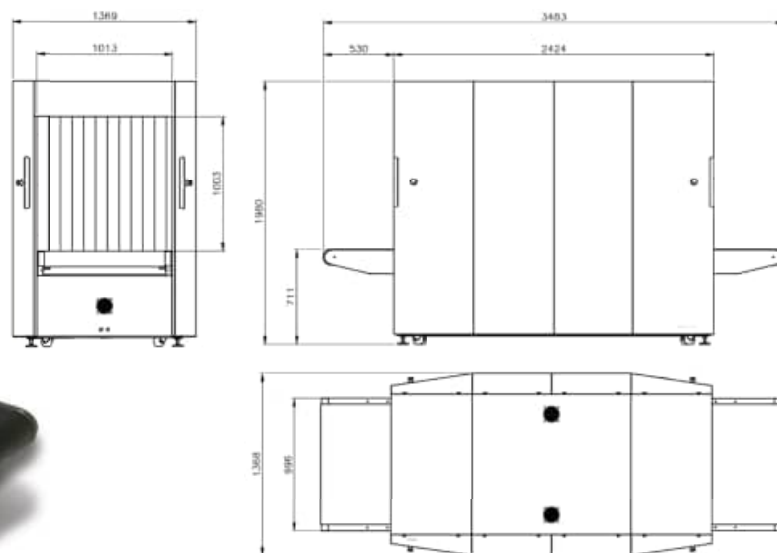
SPECTRUM 100100 H

The Spectrum 100100 H is specifically designed to meet the needs and applications of airports, prisons, customs facilities, transportation operations, carriers, parcel services or wherever high security and total screening of a wide range of dimensions is required. The 180 kV x-ray generator allows the Spectrum 100100 H to achieve the highest image quality on the market.

X-ray images with high quality and sharpness.



SPECTRUM 100100 H



STANDARD FUNCTIONS

- Automatic discrimination of organic, inorganic and mixed materials by colorization
- Automatic image saving
- Baggage counter
- Continuous scanning
- Zoom higher than 128x
- Color or black / white image
- Edge highlight
- High penetration function
- Sharpness
- TIP threat image projection
- High density alert
- JPG, TIFF, BMP and VMI image export
- Network connection
- Real-time scanning
- Self-diagnosis system
- Color inversion
- Real-time image manipulation
- Automatic detection algorithm for drugs, explosives and high density materials
- Storage capacity over 200,000 images

SAFETY

- Shielding:
Dose below than 1 $\mu\text{Sv} / \text{h}$ at 0.1 m away from the equipment

OPTIONAL FUNCTIONS AND ACCESSORIES

- Customized painting
- Training software
- Local language
- Remote workstation
- ASTM standard test kit
- Modular roller table
- Lockable anti theft console with key
- Remote management software for multiple devices
- Camera
- Tunnel protection extension
- UPS
- Ability to integrate with conveyor system
- WiFi capability
- Integration with Garrett's walk-through metal detector portals
- ONVIF compatibility

SHIPPING CRATING SIZE AND WEIGHT

Product	Package	Length	Width	Height	Net Weight	Gross Weight
Spectrum 100100 H	1 box	2915 mm 114.8"	1590 mm 62.6"	2260 mm 89"	1300 kg 2866 lbs	1570 kg 3461.3 lbs

GENERAL DATA

- Dimensions
3483 (L)/1369 (W)/1980 (H) [mm]
137.1" (L)/ 53.9" (W)/ 78" (H)
- Approximate weight
1300 kg | 2866 lbs
- Operating temperature and humidity
0°C to 40°C / 5% to 95% (non-condensing)
- Storage temperature and humidity
-40°C to 60°C / 5% to 95% (non-condensing)
- Power supply
110 - 127 VAC / 208 - 240 VAC (-15% to +10%); 50 Hz/60 Hz, +/-3 Hz
- Power
760 VA

GENERAL SPECIFICATIONS

- Tunnel dimensions
1013 mm (W)/1003 mm (H)
39.88" (W)/ 39.49" (H)
- Conveyor speed
0,22 m/s (adjustable)
- Conveyor height
711 mm | 27.99"
- Maximum load on the conveyor
200 kg | 440.9 lbs
- Standard generator
160 kV operating at 150 kV
- High power generator:
180 kV operating at 170 kV
- Wire resolution*
40 AWG
- Steel penetration*
38 mm | 1.4" (150 kV)
40 mm | 1.6" (170 kV)
- Monitor
High resolution, configurable size
- Cooling
Insulating oil
- Beam orientation
Diagonal upward

*Specification according to Test Piece VMI



LEGAL NOTICE:
VMI SECURITY RESERVES THE EXCLUSIVE RIGHT TO
EDIT THE TECHNICAL DATA OF ITS EQUIPMENT.



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