

SPECTRUM

100
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 180kV x-ray generator allows the Spectrum 100100H to achieve the highest image quality on the market.



For a safer world



SPECTRUM 100100 H



GENERAL DATA

- Dimensions:
3483 (L)/1367 (W)/1988 (H) [mm]
137.1" (L)/53.8" (W)/78.3" (H)
- Weight:
1220kg | 2689.6lbs
- 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 - 127VAC / 208 - 240VAC
(-15% to +10%); 50Hz/60Hz, +/-3Hz
- Power:
760VA

GENERAL SPECIFICATIONS

- Tunnel dimension:
1013mm (W)/1003mm (H)
39.9" (W)/39.5" (H)
- Conveyor speed:
0,22m/s (adjustable)
- Conveyor height:
711mm | 28"
- Maximum load on the conveyor:
200kg | 440.9lbs
- Standard generator:
160kV operating at 150 kV
- High Power Generator
180kV operating at 170 kV
- Wire resolution*:
40AWG
- Steel penetration*:
38mm | 1.5" (150kV)
40mm | 1.6" (170kV)
- Monitor:
High resolution
(configurable size)
- Cooling:
Insulating oil
- Beam orientation:
Diagonal upward

* Specification according to Test Piece VMI

STANDARD FUNCTIONS

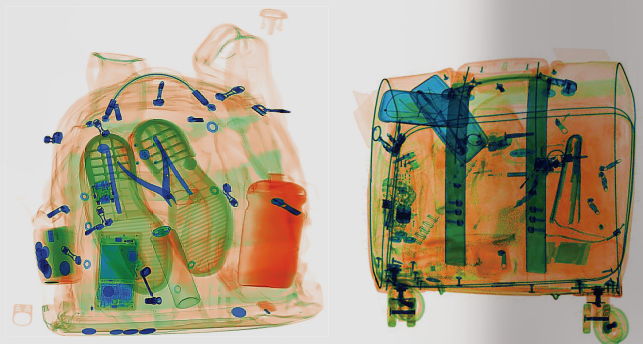
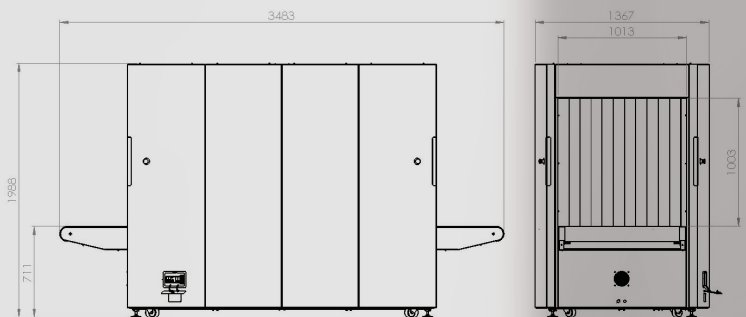
- Automatic discrimination of organic, inorganic and mixed materials by colorization
- Automatic image saving
- Baggage counter
- Continuous scanning
- Zoom higher than 128x
- Color or black / white image
- Edge highlight
- High penetration function
- Sharpness
- TIP threat image projection
- High density 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 lower than 1uSv/h at 0.1m 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



VMI SECURITY
1101 Brickell Avenue,
South Tower, 8th Floor
Miami, FL – USA
Postal code: 33131
Phone: +1 305 779 5692
www.vmisecurity.com

X- RAY SCANNERS

