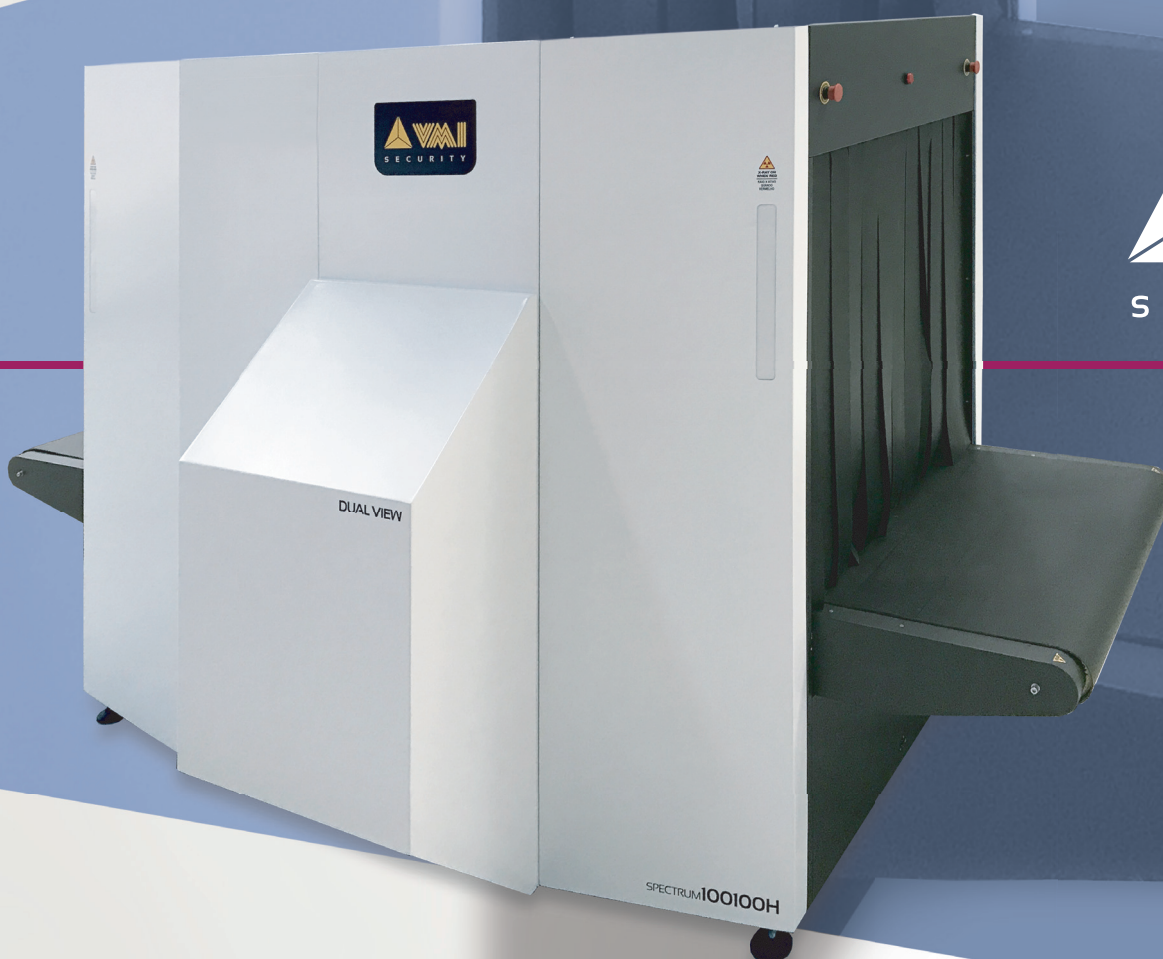


SPECTRUM

100100
H^{DV}

The Spectrum 100100 H DV has high image quality and is certified by international airports. Specifically designed to meet the needs and applications of airports, prisons, customs facilities, transport operations, carriers, parcel services, it uses high-power X-ray generators, achieving an excellent level of penetration and high image quality, offering a quick inspection and effective.

The 160KV and 180KV x-ray generators allows the Spectrum 100100 HDV to achieve the highest image quality on the market.



For a safer world



SPECTRUM 100100 H DV

GENERAL DATA

- Dimensions:
3483 (L)/1724 (W)/1988(H) [mm]
137.1" (L)/53.8" (W)/78.3" (H)
- Weight:
1390kg | 3064.4lbs
- 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:
1070VA

GENERAL SPECIFICATIONS

- Tunnel dimensions:
1013mm (W)/1003mm (H)
39.9" (W)/39.5" (H)
- Conveyor speed:
0,22m/s (adjustable)
- Conveyor height:
710mm | 8"
- Maximum load on the conveyor:
200kg | 440.9lbs
- Standard generator:
Dual 160kV operating at 150 kV
- High Power Generator
Dual 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 and
sideward

* 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 highlighting
- 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
- Artificial Intelligence for detection
- Camera
- Tunnel protection extension
- UPS
- Ability to integrate with conveyor system
- WiFi capability
- Integration with Garrett's walk-through metal detector portals
- ONVIF compatibility

