

SPECTRUM

180

180

200kV

The Spectrum 180180 is an X-ray inspection system with high level of performance, greater clarity and image quality. It was specially designed for meet the needs and applications of airports, customs services, transportation services, carriers, transport operations or any other environment where high security requires thorough screening. The 200KV generator allows accurate identification of load contents in a single pass.



SECURITY

For a safer world

SPECTRUM 180180 200kV

GENERAL DATA

- Dimensions:
8040 (L) / 3197 (W) / 2402 (H) [mm]
316.5" (L) / 125.9" (W) / 94.6" (H)
- Weight:
5000Kg | 11023.11lbs(approximately)
- 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:
220VAC (-15% to +10%);
50Hz/60Hz, +/-3Hz
- Power:
2200VA

GENERAL SPECIFICATIONS

- Tunnel dimensions:
1820mm (W)/1802mm (H)
71.6" (W)/70.9" (H)
- Conveyor speed:
0,22m/s (adjustable)
- Conveyor height:
389mm | 15.3"
- Maximum load on the conveyor:
3000kg | 6613.9lbs
(Evenly distributed load)
- Standard generator:
200kV (configurable)
- Wire resolution*:
36AWG
- Steel penetration*:
49mm | 1,9"
- Monitor:
High resolution
(configurable size)
- Cooling:
Insulating oil with forced air
cooling
- Beam orientation:
Sideward

* Specification according to Test Piece VMI

STANDARD FUNCTIONS

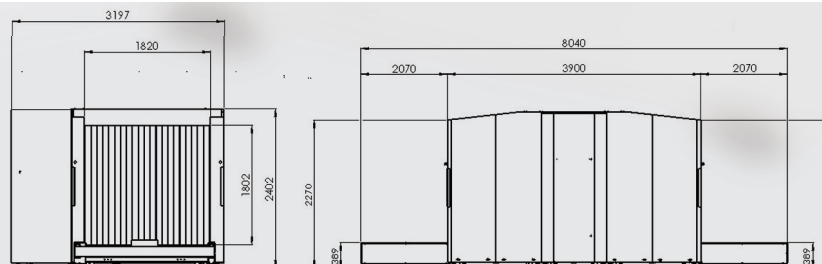
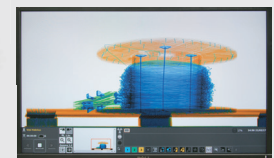
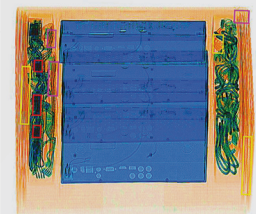
- Automatic discrimination of organic, inorganic and mixed materials by colorization
- Automatic image saving
- Baggage counter
- Continuous scanning
- Zoom higher than 128x
- Color or black / white image
- Edge highlight
- High penetration function
- Sharpness
- TIP threat image projection
- High density 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 60,000 images

SAFETY

- Shielding:
Dose below than 1uSv/h at 0.1m distance from the equipment

OPTIONAL FUNCTIONS AND ACCESSORIES

- Customized painting
- Training software
- Local language
- Remote workstation
- ONVIF compatibility
- Modular roller table
- Lockable anti theft console with key
- Remote management software for multiple devices
- Camera
- WiFi capability
- UPS
- Ability to integrate with conveyor system



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X- RAY SCANNERS

