

SPECTRUM

180180
DV

The Spectrum 180180 DV 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 dual-view technology with the 320KV generators, allows accurate identification of load contents in a single pass.



For a safer world

GENERAL DATA

- Dimensions:
11280 (L) / 3310(W) / 2786(H) [mm]
444" (L) / 130.3" (W) / 109.7" (H)
- Weight:
10500Kg | 24250.8lbs (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:
1850 (W) / 1833 (H) [mm]
72.8" (W) / 72.2" (H)
 - Conveyor speed:
0,22m/s (adjustable)
 - Conveyor height:
395mm | 15.6"
 - Maximum load on the conveyor:
3000kg | 6613.9lbs
 - Standard generator:
320KV (configurable)
 - Wire resolution*:
36AWG
 - Steel penetration*:
70mm | 2,7"
 - Monitor:
High resolution
(configurable size)
 - Cooling:
Insulating oil
 - Beam orientation:
Sideward and Diagonal
downward
- * Specification according to
Test Piece VMI

SHIPPING CRATING SIZE AND WEIGHT

Product Spectrum	Package	Qty.	Length	Width	Height	Net Weight	Gross Weight
180180 DV	1 - SV Module	1	3515mm	1410mm	2730mm	4230 kg	4500 Kg
	2 - DV Module	1	3500mm	1270mm	3170mm	1900 kg	2180 Kg
	3 - Lateral Modules	4	2550mm	1750mm	2730mm	1000 kg	1240 Kg
	4 - Roller Table	2	2270mm	1200mm	1100mm	175 Kg	275 Kg

* Each pair of roller table is sent in one box

** The standard is 2 pairs of roller tables

SPECTRUM
180180 DV

STANDARD FUNCTIONS

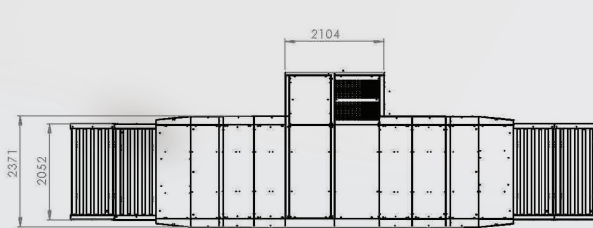
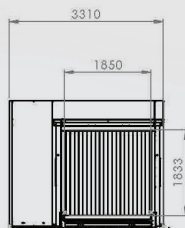
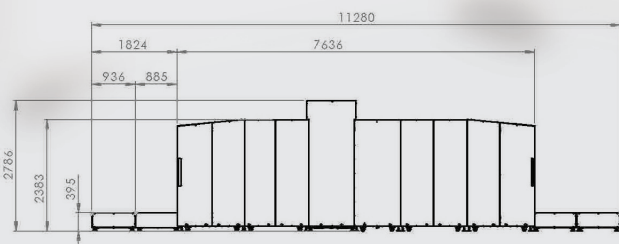
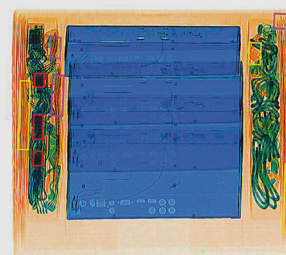
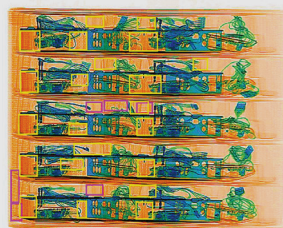
- Automatic discrimination of organic, inorganic and mixed materials by colorization
- Automatic image saving
- Baggage counter
- Continuous scanning
- Zoom higher than 128x
- Color or black / white image
- Edge highlight
- High penetration function
- Sharpness
- TIP threat image projection
- High density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



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

