



SPECTRUM 100100

**Internationally
recognized efficiency.**

The Spectrum 100100 has a modern design and high image quality, being certified by international airports. The Spectrum 100100 is 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 cargo dimensions is required.

ONVIF COMPATIBILITY

ARTIFICIAL INTELLIGENCE

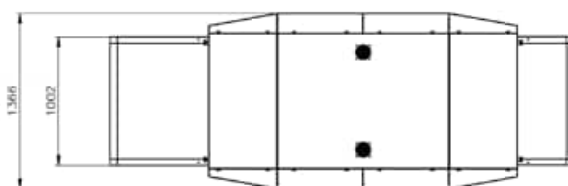
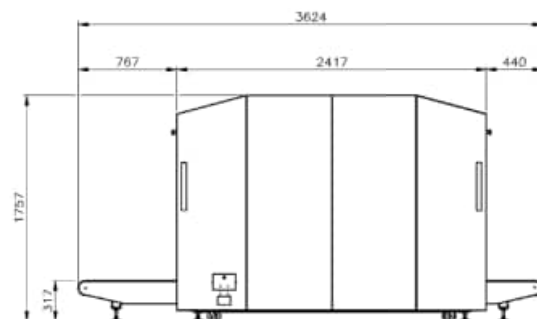
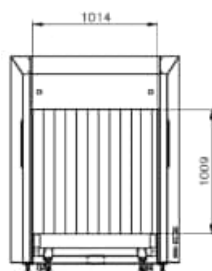
X-ray images with high
quality and sharpness.



SPECTRUM 100100



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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 μ Sv / 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	1 box	2920 mm	1730 mm	2070 mm	1037 kg	1227 kg
		115"	68.1"	81.5"	2286.2 lbs	2705.1 lbs

GENERAL DATA

- Dimensions
3624 (L) / 1366 (W) / 1757 (H) [mm]
142.7" (L) / 53.8" (W) / 69.2" (H)
- Approximate weight
1037 kg | 2286.2 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
1014 mm (W)/1009 mm (H)
39.92" (W)/39.72" (H)
- Conveyor speed
0,22 m/s (adjustable)
- Conveyor height
317 mm | 12.48"
- 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*
36 AWG
- Steel penetration*
36 mm | 1.4" (150 kV)
38 mm | 1.5" (170 kV)
- Monitor
High resolution, configurable size
- Cooling
Insulating oil
- Beam orientation
Diagonal downward

*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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