## Spectrum 150180
### 200 kV

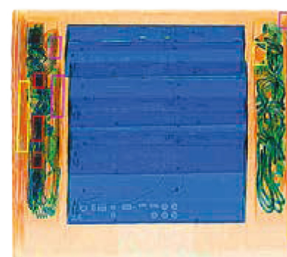The Spectrum 150180 has been specially designed to meet the needs and applications of warehouses, carriers, forwarders and couriers for airports.

## High Tech

- High image quality with a wire resolution of 36 AWG and steel penetration of 49 mm
- Meets all of the international standards for health and safety of operators and members of the public
- Drugs and explosives automatic detection and alarm
- Random projection of images containing ficticious threat objects for operator skills training (TIP function)
- Continuous or region zoom functions for easy and precise evaluation of the image
- Can export images in commercial file formats (JPEG, TIFF and BMP) onto a USB device
- Ergonomic keyboard and simple operator interface provide efficiency and ease for the operator.
- Hardware and softwar customized to meet customer requirements



Excellent image quality. Organic materials shown in orange, metal in blue and a mix of them in green.



Drug detection

## General Specifications

| | |
|---|---|
| - Tunnel size | 1550 mm (W) / 1805 mm (H) |
| - Conveyor speed | 0,20 m/s (Configurable) |
| - Conveyor height | 340 mm |
| - Max load | 3000 kg |
| - Standard generator | 200 kV (Configurable) |
| - Wire resolution* | 36 AWG |
| - Steel penetration* | 49 mm |
| - Display monitor | LCD, colour, high-resolution (Configurable size) |
| - Cooling | Insulating oil with forced air cooling |
| - Beam direction | Diagonally upward |

## Standard Features

- Automatic colour coding of materials with different atomic numbers
- Image auto save
- Baggage counter
- Zoom higher than 64x
- Coloured or black and white image
- Edge enhancement
- High penetration function
- Storage capacity above 200,000 images
- Sharpness enhancement
- Threat image projection (TIP)
- Image export to JPEG, TIFF and BMP

- Continuous scanning
- Network connection
- Scanning in real time
- High density alert
- Self diagnostic system
- Colour inversion
- Image manipulation in real time
- Automatic detection algorithm for drugs, explosives and high density materials
- Threat image projection (TIP)
- High density alert
- Export to a secure VMI encrypted viewingaplication

## Security

| | |
|---|---|
| - Shield | Dose lower than 1 uSv / h at 0.1 m away from the equipment |

## Optional Functions and Accessories

- Customized painting
- Training software
- Local language
- Remote workstation
- Default test kit ASTM
- Anti-theft operation console with key

- Remote management software
- Tunnel extension
- Touch screen monitor
- Ability to integrate with conveyor system
- Modular roller table
- Uninterruptible power supply

## General Information

| | Single View | Dual View |
|---|---|---|
| - Dimensions | 5200 mm (L) / 2350 mm (W) / 2300 mm (H) | 7100 mm / 2970 mm / 3000 mm |
| - Weight | 2500 kg | |
| - Operating temperature / humidity | 0°C ~ 40°C / 5% ~ 95% (non-condesing) | |
| - Storage temperature / humidity | -40°C ~ 60°C / 5% ~ 95% (non-condensing) | |
| - Power supply | 127 Vac / 220 Vac 230 Vac (-15% ~ +10%); 50 Hz / 60 Hz, +/-3 Hz | |
| - Power consumption | 2.5 kVA | |

*According to VMI test piece

We reserve the right to change specifications without notice in order to provide all latest functions