# SPECTRUM

6550

The Spectrum 6550 is specifically designed to meet the needs and applications of airports, prisons, railways and subways, stadiums, courts, parcel services or wherever high security is required.





## 6550

### GENERAL DATA

- Dimensions:
  2080 (L)/951 (W)/1457 (H) [mm]
  81.9" (L)/37.44" (W)/57,362" (H)
- Weight: 552kg | 1217lbs
- 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: 740VA

## **GENERAL SPECIFICATIONS**

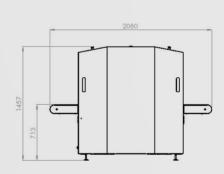
- Tunnel dimension:
  650 (W)/520 (H) [mm]
  25.6" (W)/20.5" (H)
- Conveyor speed:0.22m/s
- Conveyor height: 713mm | 28"
- Maximum load on the conveyor: 160kg | 352.7lbs
- Standard generator:
  160kV operating at 150 kV
- High power generator:
  180kV operating at 170 kV

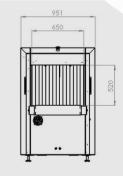
- Wire resolution\*: 40AWG
- Steel penetration\*:
  42mm | 1.6" (150kV)
  44mm | 1.7" (170kV)
- Monitor:
   High resolution
   (configurable size)
- Cooling:
  Insulating oil
- Beam orientation:
  Diagonally upward

- STANDARD FUNCTIONS
- Automatic discrimination of organic, inorganic and mixed materials by colorization
- Automatic image saving
- Baggage counter
- Continuous scanning
- Zoom higher than 128xColor 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

\*Specification according to Test Piece VMI





## 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
- 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	Gross
Spectrum					Weight	Weight
6550	1 box	2226mm	1206mm	1698mm	552 ka	635 ka

**VMI SECURITY** 

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X-RAY SCANNERS















