

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.



For a safer world

SPECTRUM 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

*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 200,000 images

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 Weight	Gross Weight
Spectrum 6550	1 box	2226mm	1206mm	1698mm	552 kg	635 kg

