EN

SPECTRUM 6040

The Spectrum 6040 is robust equipment, specifically designed to meet the needs and applications that require high image quality, such as airports, prisons, railways and subways, stadiums, courts, parcel services or where better image quality is required for detection of illicit acts. The 160kV or 180kV X-ray generator allows the Spectrum 6040 to achieve the best image quality on the market.



SECURITY

For a safer world



VMI SECURITY

SPECTRUM 6040

GENERAL DATA

- Dimensions:
  1985 (L)/880 (W)/1249 (H) [mm]
  78.1" (L)/34.6" (W)/49.2" (H)
- Weight:
  500kg | 1102.3lbs
- Operating temperature and humidity:
  -20°C to 40°C / 5% to 95% (non-condensing)
- Noise level:
  ≤ 60dB
- 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

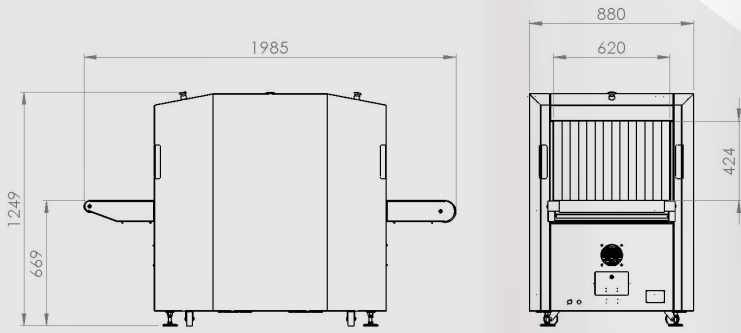
GENERAL SPECIFICATIONS

- Tunnel dimensions:
  620 (W)/424 (H) [mm]
  24.4" (W)/16.7" (H)
- Conveyor speed:
  0.22m/s
- Conveyor height:
  669mm | 26.3"
- Maximum load on the conveyor:
- 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:
  Diagonal 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
- 6 Color imaging based on Density



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
- Automatic voltage regulator
- 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 6040	1 box	2140mm	1030mm	1500mm	500 kg	621 kg

VMI SECURITY **X-RAY SCANNERS**
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