

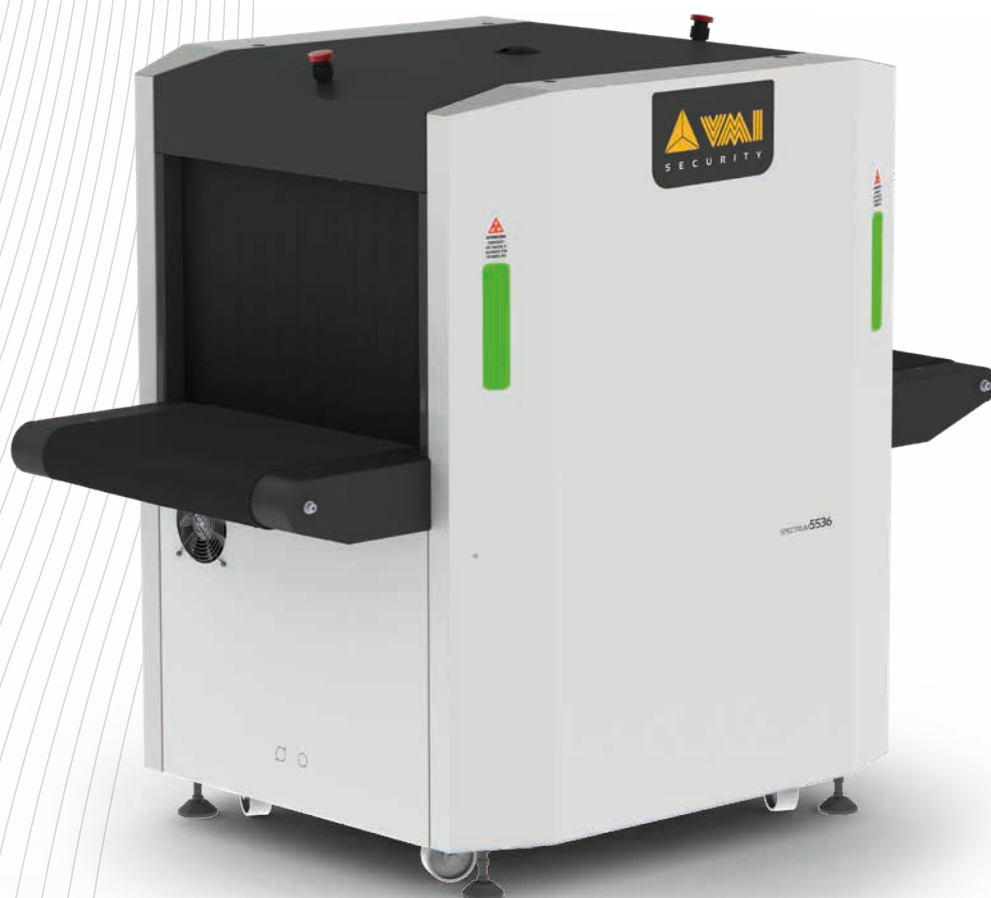


For a safer world

SPECTRUM5536

X-RAY SCANNER

110 kV | 160 kV | 180kV



The Spectrum 5536 is a scanner with reduced dimensions and an optimum size tunnel, ideal for use in mailrooms, entrance halls, prisons and courts, schools and many other areas where security proves to be sensitive, revealing the need for inspection, with no manual contact of purses, bags, briefcases or packages. The 110kV, 160kV and 180kV x-ray generator allows the Spectrum 5536 to present the best image quality obtained on the market.



TECHNICAL SPECIFICATIONS

HIGH TECH

- High image quality with a wire resolution of 40 AWG and steel penetration of 16mm (110kV), 42mm (160kV).
- Meets all the international standards for health and safety of operators and members of the public.



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

- Drugs and explosives automatic detection and alarm.
- Random projection of images containing fictitious 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.



Drug detection

- Ergonomic keyboard and simple operator interface provide efficiency and ease for the operator.
- Hardware and software customized to meet customer requirements.

GENERAL SPECIFICATIONS

• Tunnel Size	556mm (W) / 372mm (H)
• Conveyor Speed	0,24m/s (configurable)
• Conveyor Height	654mm
• Max Load	100kg
• Standard Generator	110kV
• High Power Generator	160kV operating at 150kV 180kV operating at 170 kV
• Wire Resolution*	40AWG
• Steel Penetration*	16mm (110kV) 42mm (160kV) 44mm (180kV)
• Display Monitor	1 LED, color, high-resolution (configurable size)
• Cooling	Insulating oil with forced air cooling
• Beam direction	Diagonally upward

STANDARD FEATURES

• Automatic color coding of materials with different atomic numbers	• Image export to JPEG, TIFF and BMP
• Image auto save	• Export to a secure VMI encrypted viewing application
• Baggage Counter	• Network connection
• Continuous scanning	• Scanning in real time
• Zoom higher than 128x	• Bidirectional inspection
• Colored or black/white image	• Self diagnostic system
• Threat image projection (TIP)	• Color Inversion
• High density alert	• Image manipulation in real time
• Edge enhancement	• Automatic detection algorithm for drugs, explosives and high density materials
• High penetration function	• Storage capacity above 200,000 images
• Sharpness enhancement	

SECURITY

• Shield	Dose lower than 1uSv/h at 0.1m away from the equipment
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OPTIONAL FUNCTIONS AND ACCESSORIES

- Customized painting
- Training Software
- Local language
- Remote workstation
- Standard ASTM or STP test kit
- Modular roller table
- Anti-theft operation console with key
- Uninterruptible Power Supply
- Remote workstation software (Spectrum Ativa)
- Tunnel extension
- Touch screen monitor
- Ability to integrate with conveyor system
- WiFi capability
- Integration with Garrett's walk-through metal detector portals



GENERAL INFORMATION

• Dimensions	1450mm (L) / 820mm (W) / 1170mm (H)
• Weight	290kg (110kV) 340kg (160kV)
• Operating Temperature/ Humidity	0°C ~ 40°C / 5% ~ 95% (non-condensing)
• Storage Temperature/ Humidity	-40°C ~ 60°C / 5% ~ 95% (non-condensing)
• Power Supply	127Vac / 220Vac / 230Vac (-15% ~ +10%); 50Hz/60Hz, +/-3Hz
• Power Consumption	600VA

* According to VMI test piece

"Technical Specifications subject to change without notice."

VMI Security

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X-RAY SCANNERS

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