



SECURITY

X-RAY SOLUTIONS



www.vigilsecuritysystems.com

09/26/2019

SPECTRUM 6040 BAGGAGE SCREENING

The Spectrum 6040 is made up of robust equipment specifically designed to meet the needs and applications that demand high inspection and image quality, such as airports, prisons, railways and subways, stadiums, courts, ordering services, or where high security is required. The Spectrum 6040 uses a state-of-the-art high power x-ray generator (180kV) that meets the highest image quality and penetration requirements for even faster and more efficient inspection.



SUPERIOR TECHNOLOGY

- High image quality with a wire resolution of 40 AWG and steel penetration of 42 mm (160kV), 44mm (180kV).
- Meets all the international standards for health and safety of operators and the public screening.
- Automatic Detection, and Alarm for drugs and explosives,
- 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.
- Ergonomic keyboard and simple operator interface provide efficiency and ease for the operator.
- Hardware and software customized to meet customer requirements.

TECHNICAL SPECIFICATIONS

• Tunnel Size.....	618mm (W) / 425mm (H)
• Conveyor Speed	0,24m/s (configurable)
• Conveyor Height	669mm
• Max Load	150kg 200kg (heavy-duty roller optional)
• Standard Generator.....	160 kV operating at 150 kV
• High Power Generator	180kV operating at 170 kV
• Wire Resolution*	40AWG
• Steel Penetration*	42mm (160kV) / 44mm (180kV)
• Display Monitor	1 LED, color, high-resolution (configurable size)
• Cooling	Insulating oil with forced air cooling
• Beam direction	Diagonally upward



09/26/2019

SPECTRUM 6040 BAGGAGE SCREENING

STANDARD FEATURES

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

OPTIONAL FUNCTIONS AND ACCESSORIES

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

SECURITY

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

GENERAL INFORMATION

- 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
- Dimensions 1980mm (L) 850mm (W) 1240mm (H)
- Weight 495kg
- Power Consumption 600VA/650VA





call 817 891-4994

email: info@vigilsecuritysystems.com

09/26/2019

AFFORDABLE POWERFUL HIGH IMAGE RESOLUTION X-RAY SCREENING SYSTEMS

AVAILABLE IN ALL SIZES
SINGLE VIEW & DUAL VIEW SYSTEMS



www.vigilsecuritysystems.com



call 817 891-4994

email: info@vigilsecuritysystems.com

09/26/2019

All prices are subject to change

SECURITY SCREENING X-RAY TECHNOLOGY EXPERIENCE THE POWER



**\$28,000 SV/ \$56,000 DV
SPECTRUM 6040**

LARGER SIZES AVAILABLE



www.vigilsecuritysystems.com



www.vigilsecuritysystems.com