



VE6000

Large Vehicle Bomb Detection System

In the continuing fight against terrorism, the VE6000 is the answer to one of the terrorists' greatest threats — MASS DESTRUCTION. VE6000 is an integrated system solution addressing the need for detection of large vehicle-bombs with a high vehicle through-put.

VE6000 combines an automated touchless vehicle sampling system with Scintrex's patented GC / IMS chemical detection. This system is fully automated for continuous operation and is driven by an intuitive icon-based interface that is both user-friendly and highly reliable. VE6000 can be adapted to suit site-specific architectural and various threat detection requirements.

The VE6000 can be effective in a wide range of applications:

- Government facilities
- Military installations
- Transportation terminals
- Industrial sites
- Security establishments
- Religious sites
- Embassies
- Office towers
- Nuclear facilities

...**Worldwide**

70 years of leadership in checkpoint detection & training

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SPECIFICATIONS*

VEHICLE SIZE	Standard maximum dimensions: 2.20 m wide x 2.25 m high x 8 m long 7.21 ft wide x 7.37 ft high x 26.2 ft long Larger sizes available for applications with larger vehicle and/or cargo containers
THROUGHPUT TIME	Typically less than one minute (dependent on operational configuration)
EXPLOSIVE DETECTION CAPABILITY	TNT, NG, AN, EGDN, o-MNT, p-MNT, DMNB Dynamite, smokeless powder & other commercially available explosives
ANALYTICAL UNIT SENSITIVITY	Vapours: parts per trillion Particulates: nanograms to picograms
COMPONENTS	GC / IMS chemical detection units Air compressor Vacuum blowers Air receivers (2) Vehicle scanning facility Digital PTZ camera(s) Recording system Electrical and control panel System integration computer; industrial grade Electronics rack
OPERATOR FEATURES	Audible and visual alarm annunciation Fully Automatic Operation Graphical interface with animation of system operation Integrated operation, scanning system, doors, optional sub-systems Fault condition alarms for all equipment
POWER REQUIREMENTS	Standard equipment 72 kVA, 3 phase, 575 VAC, 60 Hz (includes 2 kVA conditioned power) 10 kVA, 1 phase, 115 VAC, 60 Hz conditioned, UPS recommended Optional voltage/frequency powering available 400/230 VAC, 50 Hz 208/115 VAC, 60 Hz
SPACE REQUIREMENTS	Operator room, local or remote, 9 m ² (100ft ²) Equipment room, 16 m ² (172ft ²), 3.6 m ceiling clearance adjacent to scanning area Vehicle scanning area, 5 m wide, 11.5 m long, 4.5 m ceiling clearance (16.4 ft wide, 37.7 ft long, 14.8 ft ceiling clearance)
ENVIRONMENTAL REQUIREMENTS	Operator room, typical indoor office environment Equipment room, controlled, 25°C ± 5° Vehicle scanning area, 5°C to 40°C
SYSTEM OPTIONAL COMPONENTS AND DESIGN SERVICES	Under-vehicle scanning Remote operation Integrated weigh scale Architectural/system design support Vehicle containment options Blast containment options GS/IMS/CL Detector

ISO 9001 REGISTERED



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Dec 1, 2005

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