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 throughput.

VE6000 combines an automated touchless vehicle sampling system with Scentex’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
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, TNP, AN, EGDN, C-8MINE, PM-8MINE, D-8MINE
Dynamite, smokeless powder & other commercially available explosives

ANALYTICAL UNIT SENSITIVITY
Vapours: parts per trillion
Particulates: nanograms to picograms

COMPONENTS
GC / MS chemical detection units
Air compressor
Vacuum blowers
Air receivers (2)
Vehicle scanning facility
Digital FTZ 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, 375 VAC, 60 Hz (includes 2 kVA conditioned power)
16 kVA, 1 phase, 115 VAC, 60 Hz conditioned, UPS recommended
Optional voltage/frequency powering available
400/230VAC, 50 Hz
280/150VAC, 60 Hz

SPACE REQUIREMENTS
Operator room, local or remote, 9 m² (100ft²)
Equipment room, 16 m² (172ft²) 3.6m ceiling clearance adjacent to scanning area
Vehicle scanning area, 3.5 m wide, 11.5 m long, 4.3 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, 23°C ± 5°C
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 container options
Blitz containment options
GSM/SQL Detector

ISO 9001 REGISTERED

For more Info & Price Quote, Please Contact:

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