



## 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*



**SCINTREX TRACE CORP.**

300 Parkdale Avenue  
Ottawa, Ontario, Canada  
K1Y 1G2

Phone: + 1 613 224 1061  
Fax: + 1 613 224 2603

E-mail: [info@scintrextrace.com](mailto:info@scintrextrace.com)  
[www.scintrextrace.com](http://www.scintrextrace.com)

**United States**

2 Gardner Road  
Fairfield, NJ 07004-2206 USA

Tel: + 1 (973) 276-6161  
Fax: + 1 (973) 276-6162  
[leads@autoclearus.com](mailto:leads@autoclearus.com)

**Central EU**

[eu@autoclearus.com](mailto:eu@autoclearus.com)  
Tel: + 33 2 38 61 97 00  
Fax: + 33 2 38 61 97 01

**Southern EU**

[seu@autoclearus.com](mailto:seu@autoclearus.com)  
Tel/Fax: + 34 91 650 89 86

**Northern EU**

[neu@autoclearus.com](mailto:neu@autoclearus.com)  
UK Tel: + 44 1924 281766

**Asia Southeast & North**  
[sasia@autoclearus.com](mailto:sasia@autoclearus.com)  
[nasia@autoclearus.com](mailto:nasia@autoclearus.com)

**Latin America**

[latina@autoclearus.com](mailto:latina@autoclearus.com)  
Dom. Republic

**Middle East**

[me@autoclearus.com](mailto:me@autoclearus.com)  
Dubai, UAE  
Tel: + 971 6 557 4505  
Fax: + 971 6 557 4507

**Western U.S.**

[nw@autoclearus.com](mailto:nw@autoclearus.com)  
[sw@autoclearus.com](mailto:sw@autoclearus.com)

**SPECIFICATIONS\***

<b>VEHICLE SIZE</b>	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
<b>THROUGHPUT TIME</b>	Typically less than one minute (dependent on operational configuration)
<b>EXPLOSIVE DETECTION CAPABILITY</b>	TNT, NG, AN, EGDN, o-MNT, p-MNT, DMNB Dynamite, smokeless powder & other commercially available explosives
<b>ANALYTICAL UNIT SENSITIVITY</b>	Vapours: parts per trillion Particulates: nanograms to picograms
<b>COMPONENTS</b>	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
<b>OPERATOR FEATURES</b>	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
<b>POWER REQUIREMENTS</b>	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
<b>SPACE REQUIREMENTS</b>	Operator room, local or remote, 9 m <sup>2</sup> (100ft <sup>2</sup> ) Equipment room, 16 m <sup>2</sup> (172ft <sup>2</sup> ), 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)
<b>ENVIRONMENTAL REQUIREMENTS</b>	Operator room, typical indoor office environment Equipment room, controlled, 25°C ± 5° Vehicle scanning area, 5°C to 40°C
<b>SYSTEM OPTIONAL COMPONENTS AND DESIGN SERVICES</b>	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**

For more Info & Price Quote, Please Contact:

**MDI-Canada**

21 Deepglade Cr. Toronto, ON. M2J 1B3, Canada  
Email: [sales@mdicanada.ca](mailto:sales@mdicanada.ca), [mdicanada@rogers.com](mailto:mdicanada@rogers.com)  
Website: [www.mdicanada.ca](http://www.mdicanada.ca)