

## CARGO AND VEHICLE INSPECTION

Detects Explosives and Drugs

Automated Detection

Robust Mobile Platform

Easily Deployable



The **Rapiscan VEDS MC Series** is a neutron inspection system that automatically detects the presence of explosives and drugs in cargo. It uses proprietary Rapiscan Systems technology to detect commercial, military and most homemade explosives. As an option, chlorinated Class A drugs, such as cocaine hydrochloride and heroin hydrochloride, can also be found. It is designed to detect significant quantities of these threats, such as commonly used in a vehicle bomb or hidden in cargo.

The easy-to-use unit is configured as a truck-mounted mobile system designed for travel on public roadways. Once at an inspection site, the unit is ready in less than 30 minutes. The VEDS head, which contains the Cf-252 isotopic neutron source, is lifted from its storage container and deployed on either side of the truck. It can be positioned at different elevations to enable scanning an automobile near the ground or the top of a container on a truck. An unoccupied parked vehicle is inspected as the unit moves past it at a controlled scan speed. When the “sweep” scan is completed, the likely location of a threat material is automatically indicated to the onboard operator on the simple graphical user interface (GUI). A “spot” scan of the suspicious area can then be performed to confirm the presence of the threat.

- Automatically detects explosives and drugs
- Road mobile system
- Scans cars and trucks
- Easy to use
- Meets international and local radiation safety standards
- Manufactured to US and CE certification standards

## CUSTOMER SUPPORT

Our team is dedicated to providing a prompt, effective and personalized response that exceeds your expectations. With spare parts inventory and skilled technicians all over the world, you can be certain Rapiscan Systems will always be prepared with a solution to address your requirements. By measuring response time, parts delivery and support status, our team embraces a customer focused philosophy to ensure continual improvement in customer support, products and services.



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SPECIFICATIONS	
Neutron Source	Cf-252 isotope
Vehicle	Available on truck platforms that meet local standards
Inspection Field of View	0.1-4.6 m high x any length
Inspection Modes	Sweep (continuous) and spot (stationary)
Sweep Scan Speed	25 – 200 mm/s
Scan Direction	Forward or reverse
Onboard Inspectors	1
Explosives Detection	5 kg at 0.3 m 200 kg at 1.2 m Sweep scan at 100 mm/s and 2 minute spot scan 90% detection
Drug Detection (Optional)	5 kg at 0.3 m 200 kg at 1.2 m Sweep scan at 100 mm/s and 2 minute spot scan 90% detection

### ISO 9001:2000 Certified

With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice.

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[www.rapiscansystems.com](http://www.rapiscansystems.com)

**AMERICAS, CANADA, CARIBBEAN**  
2805 Columbia Street  
Torrance, California 90503  
UNITED STATES of AMERICA  
Tel: +1 310-978-1457  
Fax: +1 310-349-2491  
**E-MAIL**  
sales@rapiscansystems.com

**EUROPE, AFRICA, MID EAST**  
X-Ray House  
Bonehurst Road  
Salfords  
Surrey RH1 5GG  
UNITED KINGDOM  
Tel: +44 (0) 870-7774301  
Fax: +44 (0) 870-7774302

**ASIA**  
240 Macpherson Road  
#06-04 Pines Industrial Building  
Singapore 348574  
SINGAPORE  
Tel: +65-6743-9913  
+65-6743-9892  
Fax: +65-6743-9915

**AUSTRALIA**  
Rapiscan House  
4 Ross Street  
South Melbourne Victoria  
Australia 3205  
AUSTRALIA  
Tel: +61 3 9929 4600  
Fax: +61 3 9929 4655

distributor stamp