

## CARGO AND VEHICLE INSPECTION

Detects Explosives and Drugs

Automated Detection

Entry Point Screening

Easily Relocated



The **Rapiscan VEDS GE 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 gantry system with two VEDS heads moving along tracks. The head contains the Electronic Neutron Generator (ENG) neutron source. An unoccupied parked vehicle is inspected as the heads move past it, so that both sides are inspected simultaneously. An option is available for a single-headed configuration, which inspects the vehicle from one side at a time. When this “sweep” scan is completed, the likely location of a threat material is automatically indicated on the simple graphical user interface (GUI) to the operator in the control room. A spot scan of the suspicious area is then performed to confirm the presence of the threat. The **Rapiscan VEDS GE Series** unit can easily be disassembled and moved to a different inspection site.

- Automatically detects explosives and drugs
- Easy to use
- Single or dual-sided
- Disassemble, transport and reassemble at a new site
- 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	Electronic Neutron Generator (ENG)
VEDS Heads	2 or 1 (optional)
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
Operators	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
Relocation	Disassemble, transport and reassemble at a new site

#### ISO 9001:2000 Certified

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

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

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