



Safety inspection and screening equipment in educational institutions



XRAYCONSULT di Brigida Michele
24064 Grumello del Monte (BG)
brigida.michele@xrayconsult.it
Cell.: 338 3688709



S E C U R I T Y



VMI Security develops X-Ray solutions for non-invasive inspection

We develop innovative technology, manufacture high quality systems and offer continuous support service for preventive and corrective maintenance. We are a company that goes from start to end, from the design of control and security systems to after sales technical support services.

The VMI Industrial Park was inaugurated in a área of 140,000m², with 25,000m² of built area, following the most modern construction and environmental preservation techniques, in accordance with ISO 9001 standards.

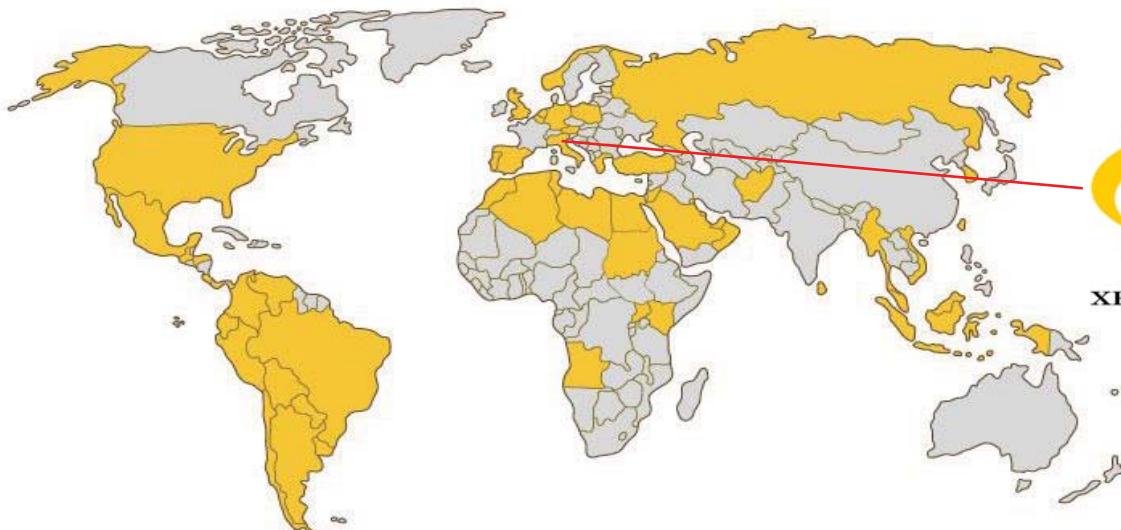


We develop high quality systems and according to international regulations and standards.



WE ARE A GLOBAL COMPANY

We export to **more than 50 countries** in the world and have collaborators on five continents.





Educational institutions, such as schools, universities and academies keep much more than knowledge and information. For most people, they are home to the most important asset in their existence: their children.

This fact, in itself, would be enough to justify a high-level security inspection and screening system.

However, unfortunately, in the last decade, we have seen these institutions become the target of numerous terrorist attacks around the world. This only reinforces the need for educational institutions to have a security system that is both rigorous and non-invasive, in order to guarantee the comfort and protection of students, visitors, employees and collaborators.

In other words, having equipment capable of sorting and monitoring people, luggage, bags and objects in an integrated manner is essential.



Get complete control over the entry and exit of students, visitors, employees and collaborators.



WHAT DO YOU WANT TO INSPECT?



Only those who have more than 30 years of experience and specialized expertise in X-ray solutions can bring the security that educational institutions need to offer their students, visitors, collaborators and employees.

EQUIPMENT FOR SMALL VOLUMES INSPECTION

Versatile, the equipment of the Spectrum series is compact and easy to install and incorporate into the most varied environments almost imperceptibly. This characteristic is fundamental when considering the need to guarantee not only protection, but also the feeling of security, trust and familiarity of those involved.



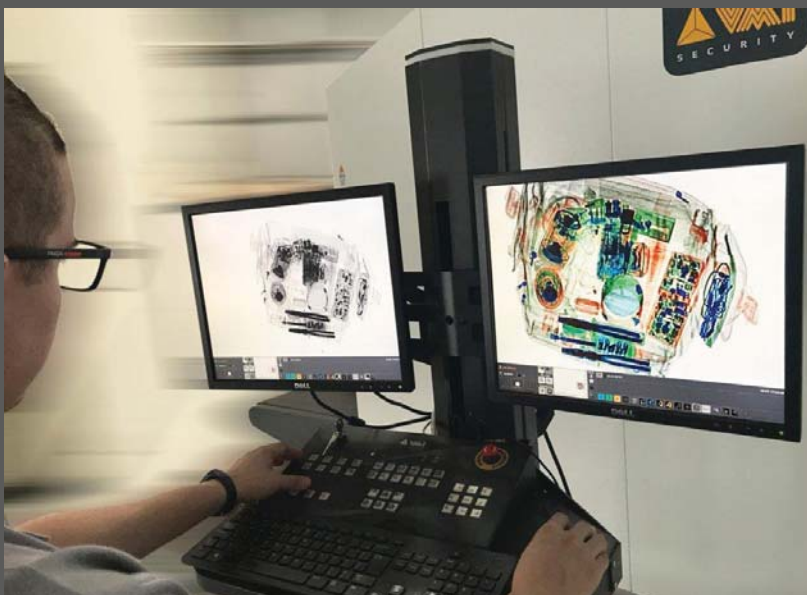
SPECTRUM
6040DV



SPECTRUM
6040M



SPECTRUM
6040



More control and agility in the inspection of bags, backpacks and hand objects.

Our x-rays and scanners for small volume inspection have a high penetration function in steel and a high-resolution LCD monitor, providing an image generation of incomparable standard.



High performance and precision in the inspection of boxes, bags and backpacks.



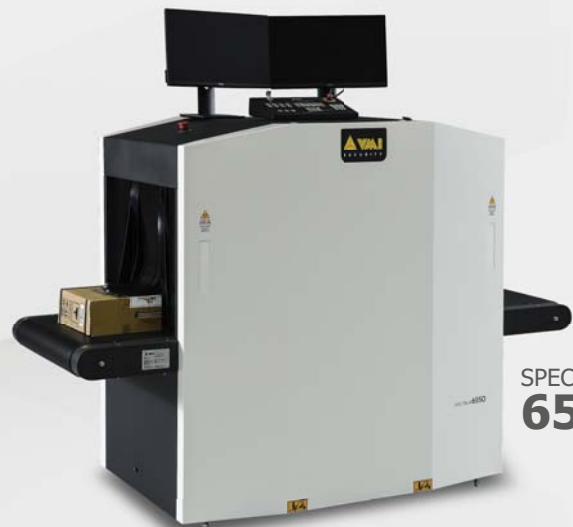
SPECTRUM 5536



SPECTRUM 5333



SPECTRUM 7560



SPECTRUM 6550



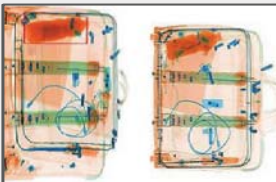
At a time when educational institutions around the world are discussing health safety protocols, not only to combat Covid-19, but for countless communicable diseases, VMI Security offers a modern and efficient UV lamp disinfection system. The process promotes the elimination, in the items inspected, of 99% of the microorganisms that cause diseases, whether viruses or bacteria in the vegetative phase and bacterial spores.

Intelligent, non-invasive inspection



ARTIFICIAL INTELLIGENCE FOR AUTOMATIC IDENTIFICATION OF ILLICITS

Speed and assertiveness with innovative software capable of automatically identifying the most diverse objects and threats.



SOFTWARE FOR 3D PERSPECTIVE

The 3D perspective software expands the analysis capacity, when observing possible threats from different angles.



UV LAMPS FOR DISINFECTION

Exclusive system of UV lamps that performs the automatic disinfection of all inspected objects.

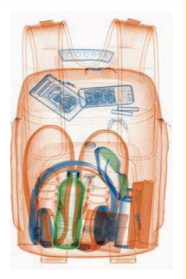


VIDEO CAMERAS IN THE INPUT AND OUTPUT OF THE INSPECTION TUNNEL





Through a system of cameras strategically positioned at the entrance and exit of the inspection tunnel, it is possible to verify in a totally legal way the responsibility of each object inspected.



Accurate and totally legal identification of responsibility for possible threats and illicit.



VMI X-RAY EQUIPMENT AUTOMATICALLY DISCRIMINATES MATERIALS BY COLOR.

Color	Material	Examples
	Organic	Hydrogen, Carbon, Nitrogen, Oxygen (plastic, paper, water, wood, food, some explosives and clothing)
	Mixed	Aluminum, Sodium, Chlorine, Salt, among others
	Inorganic	Iron, Nickel, Copper, Silver, among others.
	Low penetration region	High density materials and/ or with great thickness.

COMPLETE & INTEGRATED SOLUTION

SYSTEMS
SPECTRUM



Portal +
Garrett



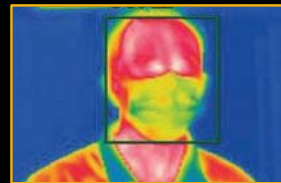
The integration of VMI Security's Spectrum equipment to the Garrett Metal Detection Portal provides a complete, fast and efficient screening and inspection process, even in situations of high flow of people.

A process that guarantees high level security with comfort, discretion and convenience, to satisfy even the most demanding parents and guardians.

The Garrett Portal has multiple receivers distributed inside, high density transmitters with low radiation and advanced programming that allows detection adjustments and high sensitivity. The equipment has 33 independent detection zones and a light bar on both side panels that light up at the height and on the side where the metallic object is detected.

Super Scanner V

It is a manual metal detector with a detector head 8" (20.3cm) long, with high sensitivity that allows to detect ferrous and non-ferrous metals when approaching the object.



**GARRETT
SMARTSCAN**

Smartscan is an accessory of the Garrett Portal that allows the measurement of body temperature during inspection processes.



**GARRETT
QUICK-Q**

Garrett's Quick-Q automatically differentiates cell phones from other possible threats, allowing for faster inspection procedures.

CCTV



INTEGRATION



VIDEO



VMI's Spectrum series equipment is ONVIF approved

Scale monitoring with intelligent tracking that integrates security systems with Spectrum series equipment.

With the Open Network Video Interface Forum protocol, the images generated during the baggage inspection process and the images of people at that moment when they place their belongings on the conveyor belt, are sent to a Camera Monitoring Center, allowing for more strategic management and with continuous remote monitoring. More security for citizens, public servants, employees and collaborators.



XRAYCONSULT di Brigida Michele
24064 Grumello del Monte (BG)
brigida.michele@xrayconsult.it
Cell.: 338 3688709

Talk to our consultants and request a solution for your organization.



www.vmisecurity.com