

RANGER™

SECURITY DETECTORS



ALWAYS ON TARGET

ADVANCED SOLUTIONS FOR WEAPON
SCREENING AND ASSET PROTECTION



- Patented Multi Zone Technology
- Walk Through Metal Detectors
- Hand Held Security Scanners
- Loss Prevention Metal Detectors
- Body Office Security Scanners

GSA

Advantage!
www.gsaAdvantage.gov

GSA

Schedule



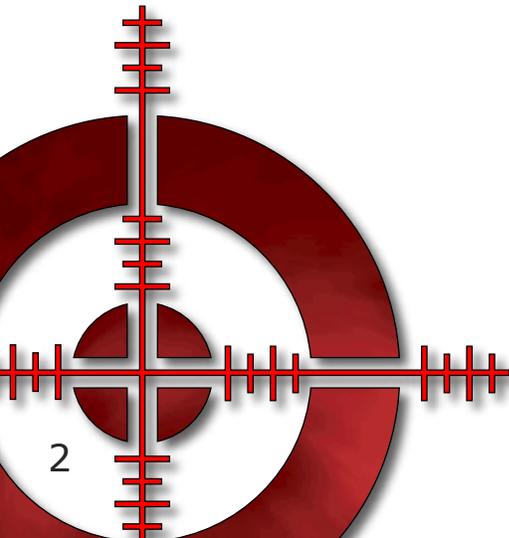
Dedicated to producing the very best.

Located in El Paso, Texas, Ranger Security specializes in the development and manufacture of high efficiency metal detectors for weapon screening and asset protection utilizing the latest cutting edge technology.

You can trust Ranger.

Ranger provides the most dependable products in the security industry. Our detectors are used throughout the world and protect a diverse range of people from heads-of-state to children attending school. They protect some of the world's most sensitive security sites. Many of the world's most recognizable Military, Government & Corporate entities have chosen Ranger for their security needs. Here is a partial list of Rangers prestigious clientele.

- ⊕ **United States Army**
- ⊕ **United States Air Force**
- ⊕ **United States Marine Corps**
- ⊕ **United States Navy**
- ⊕ **Universal Studios**
- ⊕ **New York State Prisons**
- ⊕ **United Parcel Service**
- ⊕ **Best Buy Corp.**
- ⊕ **Circuit City Corp.**
- ⊕ **Dell Computers**
- ⊕ **Compaq Computers**



RANGER™

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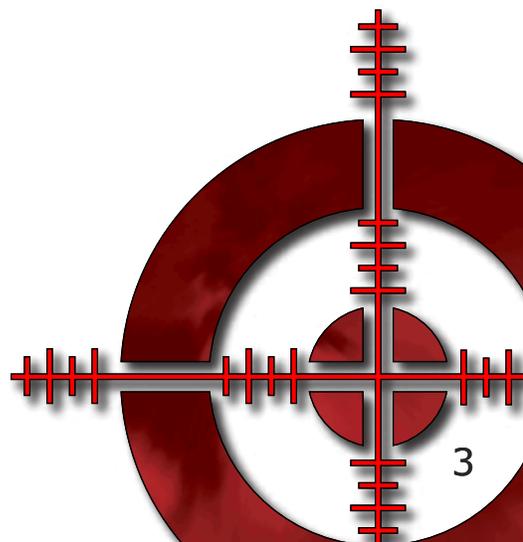
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Mission & Commitment

- Designed and Manufactured in the U.S.A.



Ranger Security, Simply the Best!

Ranger is a fast growing US manufacturer with imaginative ideas and a dynamic Research and Development program. We strive to produce innovative, affordable priced products that offer excellent performance and value. Ranger entered the security business by competing successfully in the price conscious US school market.

We pioneered the Multiple-Zone Continuous-Wave Multiple Sensor technique. The Intelliscan was the first walk-through detector to accurately pinpoint the location of weapons. Since its inception, Multi-Zone Detection has set the standard for walk-through detectors.

We are also the leaders in the areas of non-intrusive body orifice security scanning and surgical instrument loss prevention screening. The B.O.S.S. Body Orifice Security Scanner detects small metal objects concealed in body cavities. The Mediscan is used in hospitals to screen for surgical instruments discarded inadvertently during operating room cleaning.

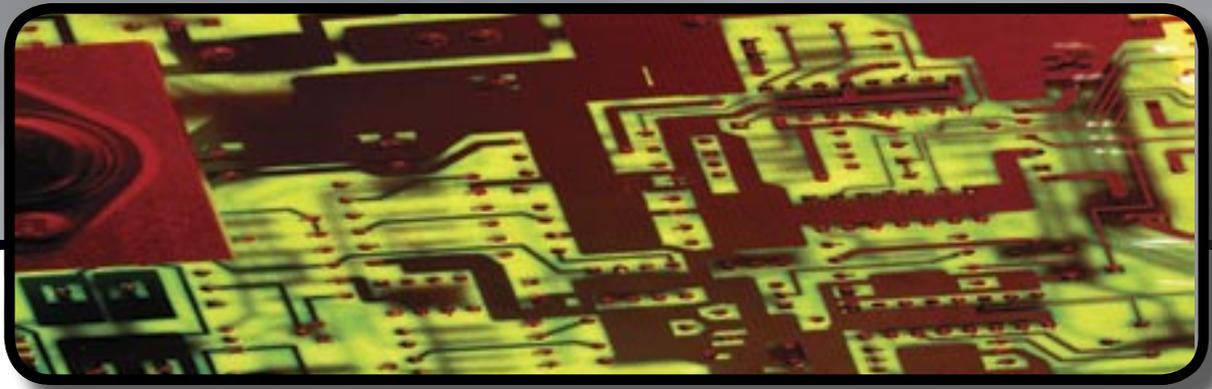
Our walk-through metal detectors are approved by the FAA for use at US Airports and meet the National Institute of Law Enforcement and Criminal Justice N.I.L.E.C.J. 0601.00 Standard Levels 1 to 5.

Commitment to our Customers

At Ranger Security our commitment is to honor the trust that our valued customers have placed in us to provide accurate, reliable and durable detection products. We fully understand that our products are used everyday to protect lives all around the world. We hold ourselves to the highest standards to ensure that where a Ranger Detector is used for security enhancement you can count on having the highest quality, most reliable security detector in the industry. All Ranger Detectors are backed by our 2 Year Warranty and our excellent Customer Service and Technical Support program.



Mission & Commitment

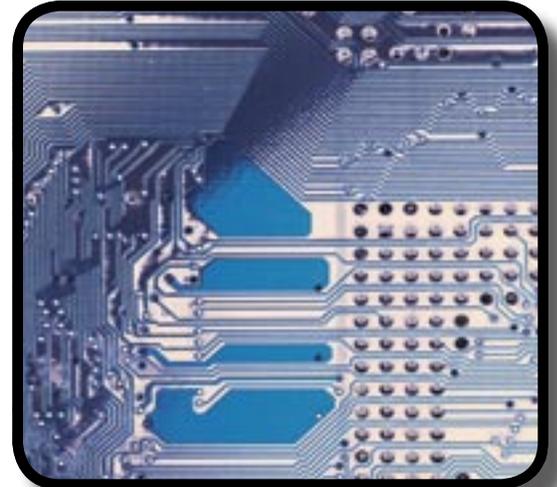


Our eye on security & the future.

At Ranger Security, we are constantly improving our products to meet the ever changing and increasing demand for high quality, dependable security detection equipment.

Innovation & Integration.

Ranger Security prides itself in its ability to adapt to and integrate with other world leading cutting edge technologies, such as Radiation Detection and Facial Recognition systems. Through the use of our proprietary networking software, "RangerNet", our Walk Through Detectors can be integrated with virtually any specialized security installation and applications .



Patented Technical Advantage.

Ranger Security's highly innovative approach to solving challenging and demanding security needs has resulted in the award of multiple United States of America and International Patents.

Where security is on the line, Ranger Security's Patented Technical advantage is the clear choice!



"Ranger Security's Prestigious Patents."

U.S. Patent Numbers
5,521,583
5,680,103
5,973,595



Ranger Walk Thru Metal Detectors

- A New Generation of Ranger Detectors
- Better Discrimination Through Multi-Zone Detection
- Options: Wheel Kit, Battery Back Up, & Weather Proof

RangerNet™
Networking Software
(OPTIONAL)



MULTI-ZONE DETECTORS CUT COSTS

- Reduce screening time and increase traffic flow rates
- Reduce the number of detectors, personnel and real-estate required for high traffic location
- Minimize the physical workload of security personnel
- Increase quality of screening and protection

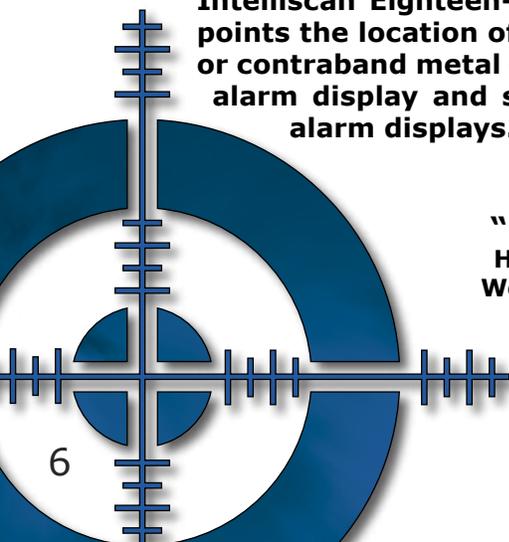
Advanced High Discrimination Multi-Zone Detection

The Intelliscan Eighteen-Zone, Six-Zone, Executive and All Weather Proof are Continuous-Wave Multiple-Zone Detectors. They are equipped with six computer controlled horizontal zones of detection that perform as independent metal detectors. With the exception of the Six-Zone, their zones are sub-divided into three vertical segments, splitting the archway into 18 zones of detection. The vertical segments monitor the left, center and right side of a person while a weapon or protected asset is carried.

As a weapon or contraband object is transported through a zone, the zone's receiver channels and sophisticated mapping software compute its position within the archway. A display accurately pinpoints the location where an object, or objects, is concealed. Security personnel can immediately target a suspect object. This increases the quality, speed and efficiency of screening. It also reduces the physical demands placed on security personnel, as they are no longer forced to conduct a full manual body search.

Ranger Intelliscan Pinpoint Detection

Intelliscan Eighteen-Zone pinpoints the location of weapons or contraband metal on header alarm display and side panel alarm displays.



**"Executive Series"
Hand Crafted, Custom
Wood Finishes to match
any decor!**



Walk Through Detectors

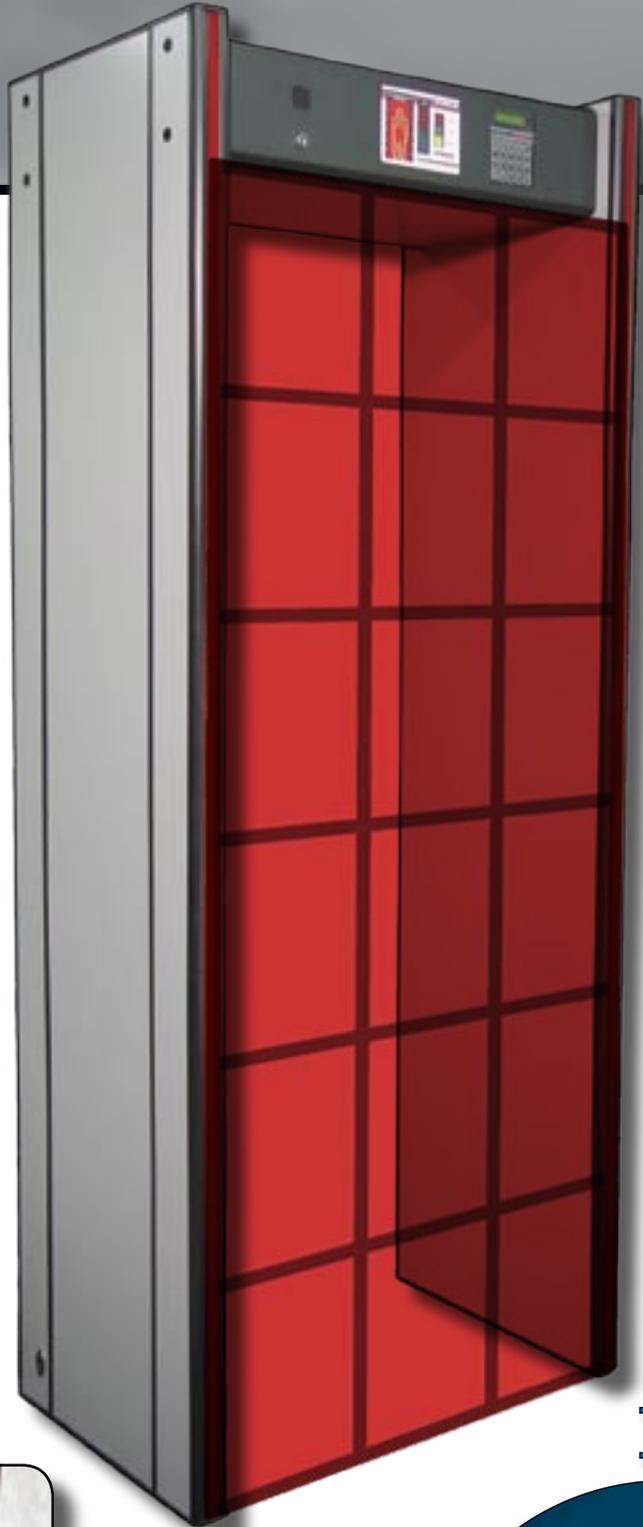


Comprehensive Header Alarm Display & Panel Zone Lights

The Multi-Zone Advantage

In addition to showing the location of targeted objects, multi-zone detection increases other aspects of screening efficiency. It improves discrimination between weapons and harmless objects, reduces unwanted alarms and permits higher traffic flow rates. In high traffic locations, this translates into lower operating and capital costs. It reduces the number of detectors, personnel and the amount of real estate needed per given number of people screened.

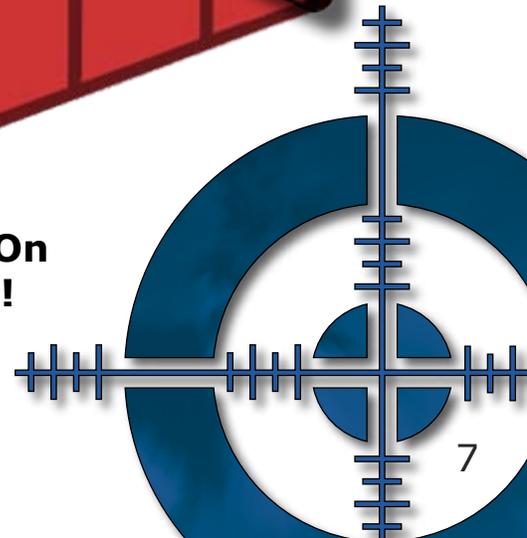
18 DETECTION ZONES



Accurate Fast Pin Point Detection

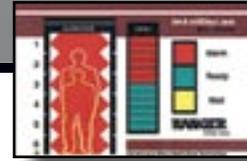


Always On Target!



Intelliscan Eighteen Zone

6 DETECTION ZONES



Comprehensive Header Alarm Display & Panel Zone Lights

Intelliscan Six-Zone High Discrimination and Exceptional Value

Intelliscan Six-Zone has an alarm display that shows the height at which the detected object is carried. It has the same height discrimination and versatile detection programs as the Eighteen-Zone. It is a true multi-zone detector which analyzes more than one weapon, or object simultaneously.

Despite its advanced performance it is priced to compete with conventional detectors.

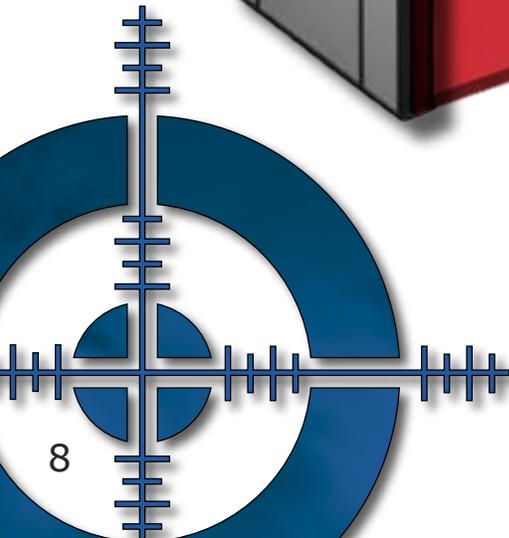
Better Discrimination through Multi-Zone Detection

False alarms are attributed to external; electrical and electromagnetic interference and poor tolerance to vibration. Good quality interference rejection and mechanical design lowers false alarms.

Multi-zone detectors reduces unwanted alarms caused by harmless personal effects such as keys, coins, jewelry, belt buckles, shoe shanks, cigarette packs, etc. In handgun screening applications multi-zone detectors eliminate the need for most people to empty their pockets of keys and coins.

Two conditions contribute to high unwanted alarm rates; cumulative signal effect and non-uniform detection. Cumulative signal effect lowers a detectors ability to separate weapons from harmless personal effects. It occurs when signals generated by metal items, carried or worn, are processed as a single composite signal. For example, single zone detectors combine the signals from shoe shanks with those from a watch or objects carried in a shirt or trouser pockets. If the cumulative signal from these objects equals the size of the signal generated by the object being targeted, an unwanted alarm occurs.

By way of contrast, Intelliscan processes the signals from these objects in different zones, thus minimizing the cumulative signal effect.



Intelliscan Six Zone

- Safe, Cost Effective, Quality Protection for All Budgets

Safety Zone

2 DETECTION ZONES



Comprehensive Alarm Display

Ranger Safety-Zone

Ranger Safety-Zone is a rugged general purpose Dual-Zone detector. Despite its cost effective pricing it offers impressive protection. In its basic configuration it is AC powered.

Safety Zone shows if an alarm is generated by a weapon carried at floor or ankle level or on the upper body. This feature increases screening efficiency as shoe metal often causes unwanted alarms.

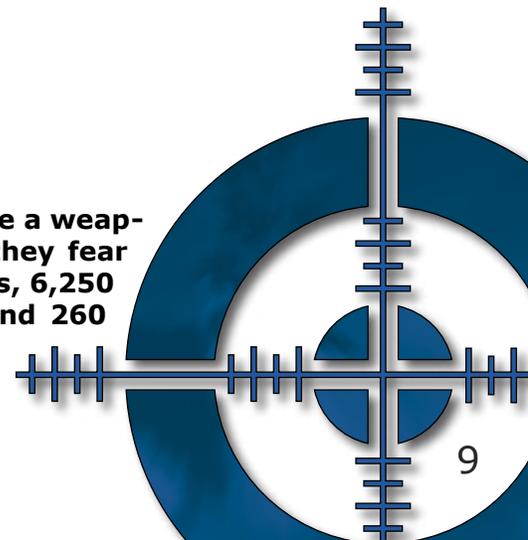
The Ranger Safety-Zone is designed for professional security applications where funding is limited. They provide a high level of protection and interference rejection. Like all Ranger Detectors they are continuously active, have self-testing diagnostics, and fast automatic reset for maximum throughput. Their detection and alarm circuitry cannot be switched or programmed to a de-active state. They detect weapons that are passed, slid or tossed through them.

Electrical and electro-magnetic interference rejection is achieved in Ranger's products through multiple frequency selection (sixteen user selectable frequencies) electronic filtering and advanced software algorithms.

A real-time twelve segment bar graph display allows an object's metal mass and any ambient interference to be analyzed.

SECURITY FACT:

Every school day at least 100,000 children take a weapon to school, 160,000 skip classes because they fear physical harm, 40 are hurt or killed by firearms, 6,250 teachers are threatened with bodily injury and 260 are physically assaulted.



Body Orifice Security Scanners

- Non-Intrusive Scanning of Anal, Vaginal, Nasal and Oral Cavities
- B.O.S.S. Makes Life Safer For Officers and Inmates
- United States Patent 5,973,595



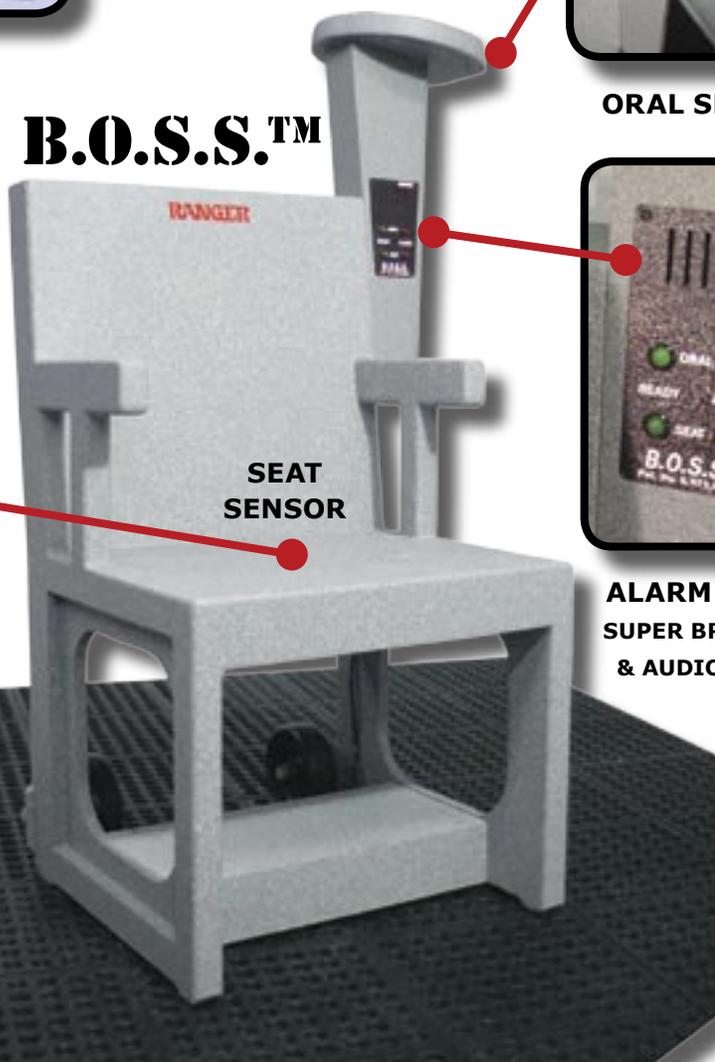
Detects razors, blades, bullets, keys, needles, metal tubes, shanks & other unwanted metallic contraband containers.

The B.O.S.S. Body Orifice Security Scanner is a fast, non-intrusive, reliable, inexpensive, and simple to use scanning system. It is used at a U.S. State and Federal corrections facilities to screen inmates and visitors for small weapons and contraband metal objects.



ORAL SENSOR

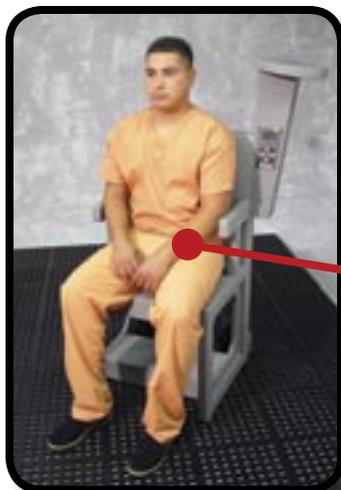
B.O.S.S.™



SEAT SENSOR



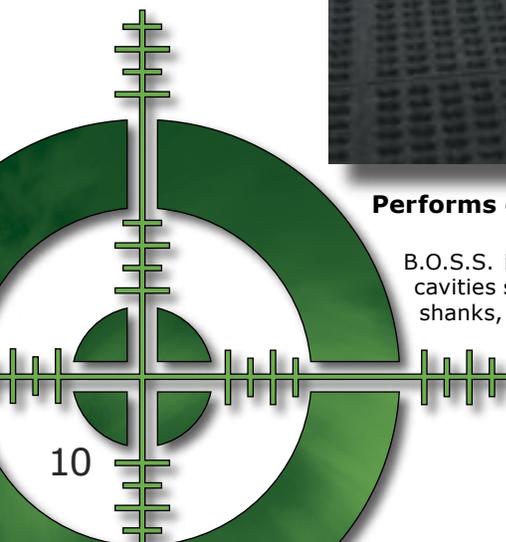
**ALARM DISPLAY
SUPER BRIGHT LEDs
& AUDIO SPEAKER**



Performs effective, safe & sanitary non-intrusive body cavity searches!

B.O.S.S. is an effective deterrent that makes the unpleasant task of searching body cavities safer and easier. It detects single-sided razor blades, knives, hacksaw blades, shanks, nails, drill bits, tools, bullets, etc. Stabbings and slashing are reduced because fewer weapons enter and circulate within the inmate population.

Prior to transportation inmates can be scanned for handcuff keys and paper clips. A handcuff key is detected at a distance of 6 inches (150 mm) from the sensor.



Body Orifice Security Scanner

Body Orifice Security Scanners

- Reduce Jail & Prison violence 58% & attacks on security staff 38%
DOCS TODAY. New York State Dept. of Correctional Services. Vol. 12, No. 10, Oct. 2003
- Protect against violent crime and lawsuit liabilities

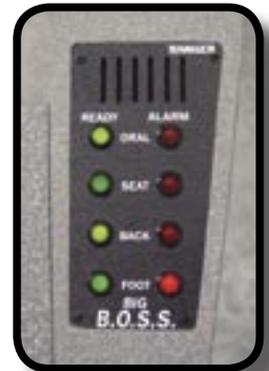


The high precision non-contact sensors provide instantaneous, high sensitivity detection. Ferrous and non-ferrous metals, alloys and foils are detected. The chair configuration is used because it insures accurate positioning of the subject and optimal measurement geometry. Excellent magnetic coupling occurs between the sensor and a concealed object because of the small separation between the subject and the detection sensor.

BIG B.O.S.S.™



ABDOMINAL SENSOR



ALARM DISPLAY
SUPER BRIGHT LEDS
& AUDIO SPEAKER

BIG B.O.S.S.,
Features two additional
sensors for abdominal
and foot area scanning



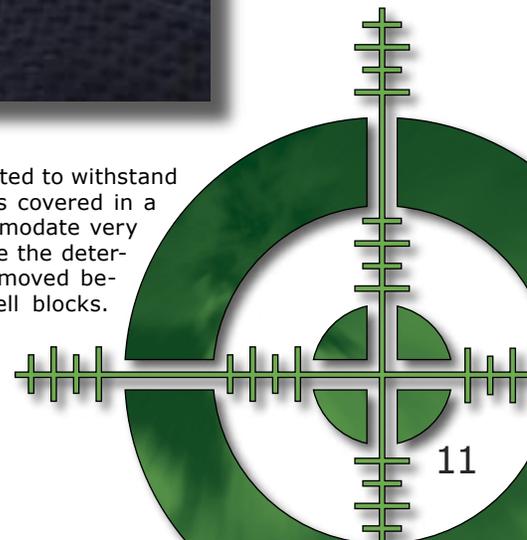
FOOT SENSOR



Rugged and Safe

The rugged chair assembly is constructed to withstand abuse, is equipped with wheels and is covered in a two-part epoxy coating. It can accommodate very heavy individuals. The wheels increase the deterrence factor, allowing it to be easily moved between inmate receiving areas and cell blocks. Snap searches can be conducted at any time.

The low intensity magnetic fields pose no danger to people with heart pacers or pregnant women. No X-rays are used, so staff and inmates are never subjected to the effect of cumulative doses of radiation.



Hand Held Security Scanners

- Suitable for a Diverse Range of Security Applications
- Sensitive, Rugged and Dependable
- Highly Rated by the FAA

A user adjustable sensitivity control permits the Model 1000 to be used with optimum efficiency for a wide range of security applications. When screening for handguns the sensitivity can be lowered to avoid unwanted alarms from smaller harmless objects. It allows a non-intrusive hands-off search that minimizes physical contact with the subject. This helps to avoid possible human relations or liability problems.

The Model 1000's high sensitivity is invaluable in loss prevention applications where small metal objects must be protected. Jewelry, electronic products, computer processor, tools, etc. can be detected.

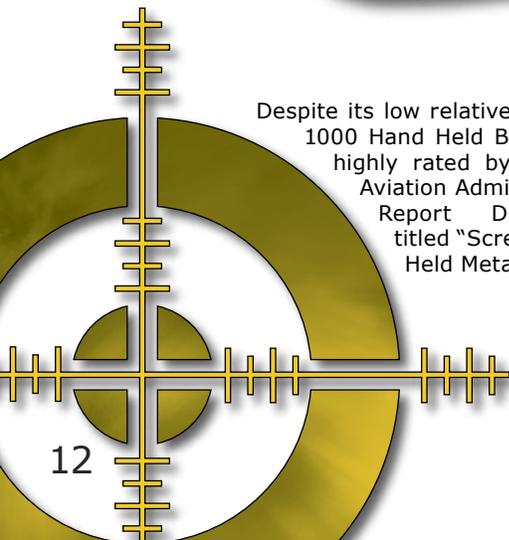


- Fully adjustable sensitivity control permits optimal performance for both weapon screening and loss prevention applications
- Lightweight, comfortable grip, large scanning area and fast scan rate all contribute to reducing operator fatigue
- Automatic tuning insures equal result on a wide range of ferrous and non-ferrous metals
- De-sense button and tightly controlled detection pattern allow efficient weapons screening near floors and re-bar
- High volume audio alert can be easily heard against typical levels of background noise
- Tested and certified safe for wearers of heart pacemakers and implanted defibrillators
- Operates on disposable or rechargeable batteries

Despite its low relative price, the Model 1000 Hand Held Body Scanner was highly rated by the US Federal Aviation Administration in their Report DOT/FAA/CT-95/49 titled "Screening with Hand-Held Metal Detectors"



**High Efficiency Screening
Cuts Operator Fatigue**



Available Options:

- 9 Volt Rechargeable Battery & Charger Kit
- Leather Belt Holster



Model 1500 Exclusive Feature:

Silent Vibrate Alarm Function

Detects:

Medium pistol at: 12" (300 mm)

Small pistol at: 9" (230 mm)

Razor blade at: 3" (75 mm)

Hat pin at: 1" (25 mm)

486 processor at: 4" (100 mm)

Scan Rate:

3" to 24" (75-600 mm) per second



Construction:

The lightweight construction, comfortable grip, large scanning, surface, tight detection pattern, fast detection circuitry, de-sensitizing feature and ergonomic design all contribute to higher efficiency screening and reduce operator fatigue.

Electronics:

The advanced automatic tuning transmit/receive circuitry is housed in a rugged high impact ABS plastic case and detects ferrous and non-ferrous metals and alloys.

The units de-sensitivity feature and tight detection pattern help to reduce false alarms when the scanner is used to screen at ankle height and in the vicinity of floors and re-bar.

Sensitivity adjustments are made through a screw driver access hole in handle. This reduces the potential for tampering in inadvertent adjustment.

Alarm Indicators:

High efficiency piezo electrical beeper and LED visual indicator. Indicators remain activated while search coil passes over metal. The duration of the alarm is indicative of the size of the object. The audio alarm has a signal intensity of 95 dB at 11.8 "(30 cm) in free air.

Power Requirement:

Unit requires a standard 9V disposable alkaline battery or optional NiCad rechargeable cell. Typical disposable battery life is 80 hours. Unit consumes 5 mA quiescent current and a maximum of 35 mA when audio and visual alarms are activated.

Low Battery Warning:

Low voltage conditions are indicated when LED lamp flashes and steady state beeper tone changes to a warbling sound.

Dimensions:

16" x 3 1/16" x 3/8"

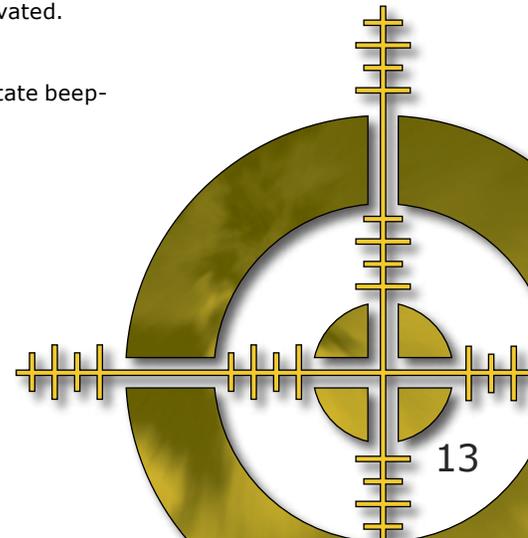
(406 x 78 x 35 mm)

Weight:

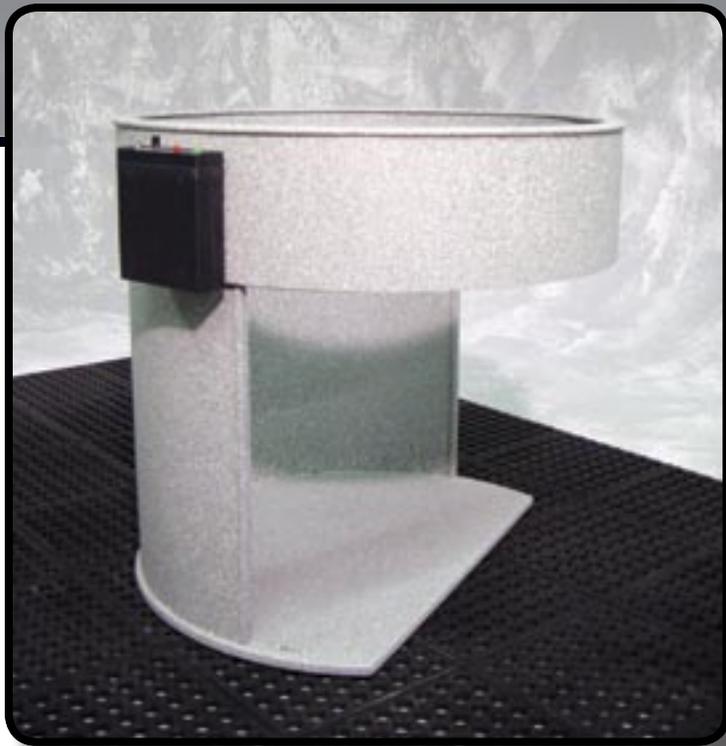
14 ounces (400 g)

Warranty:

Two year limited warranty on parts and labor.



Prevents expensive re-usable surgical instruments and tools from being inadvertently or carelessly discarded in surgical suite waste.



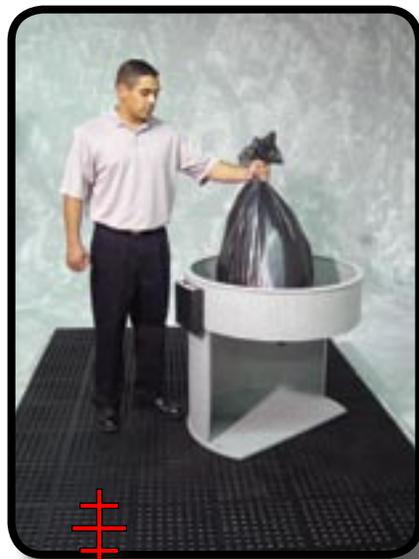
Easy to Use Electronic Control!



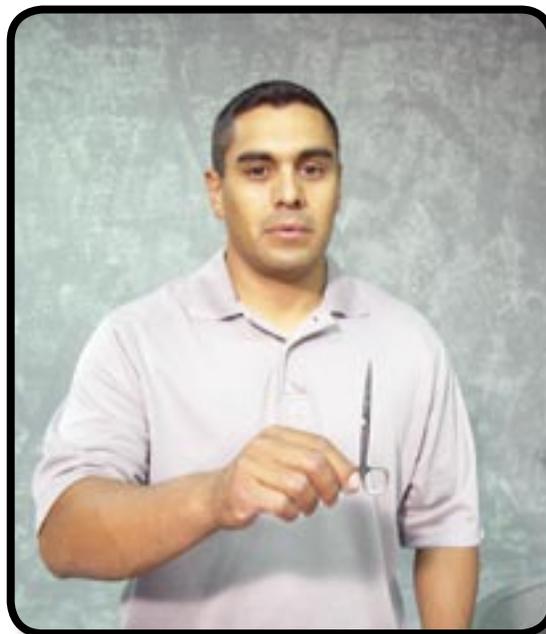
User Selectable, All Metal Mode & Ferrous Metal Only Discrimination Mode!

The Mediscan Loss Prevention Detector has been developed to lower hospital operating costs. It prevents surgical instruments, tools, sensors and monitoring equipment discarded during surgical suite cleaning from being lost. Expensive re-usable stainless steel implements, often costing hundreds of dollars, are regularly discarded during cleaning. At many hospitals, the replacement costs alone exceed tens-of-thousands of dollars per year. Ranger developed the Mediscan to address this need. It provides a fast, inexpensive method of scanning medical waste bags and is an excellent deterrent against employees who negligently discard equipment. Mediscan is also used to scan laundry for concealed metal objects and to prevent it from getting damaged or destroyed.

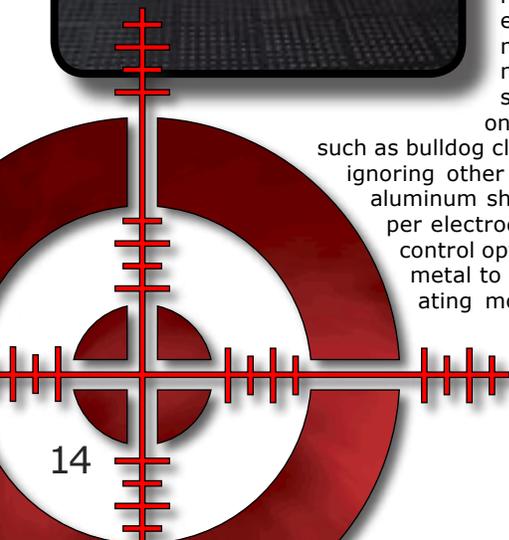
Fast and Efficient Detection



Losses are prevented by simply dropping biohazards trash bags through Mediscan's sensor. Surgical suite laundry is scanned the same way. The screening procedure is fast and easy. Mediscan alarms when a surgical instrument or tool passes through it. A variable sensitivity adjustment and advanced high discrimination microprocessor controlled electronics enable managing to specify the size and type of objects that must be detected. For example, the most commonly used discriminate mode detects stainless steel or ferrous objects only. This allows objects such as bulldog clips to be targeted while ignoring other metal objects such as aluminum sharps pouches and copper electrode wires, etc. A second control option permits all types of metal to be detected. This operating mode is useful when inspecting laundry.



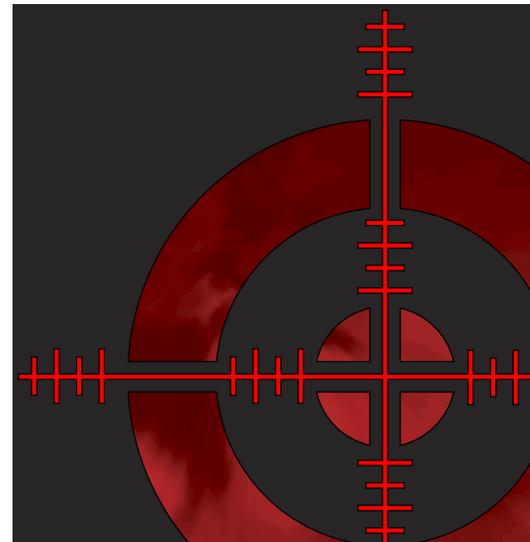
Fast Return on Investment!



Mediscan / Contrascan

Ranger Security Detectors World Wide Web Online

- Complete World Wide Sales Re seller & Distributor List
- Downloadable Printable Catalog, Cut sheets, Manuals & Specifications
- Monthly News
- Online Training
- Live Online

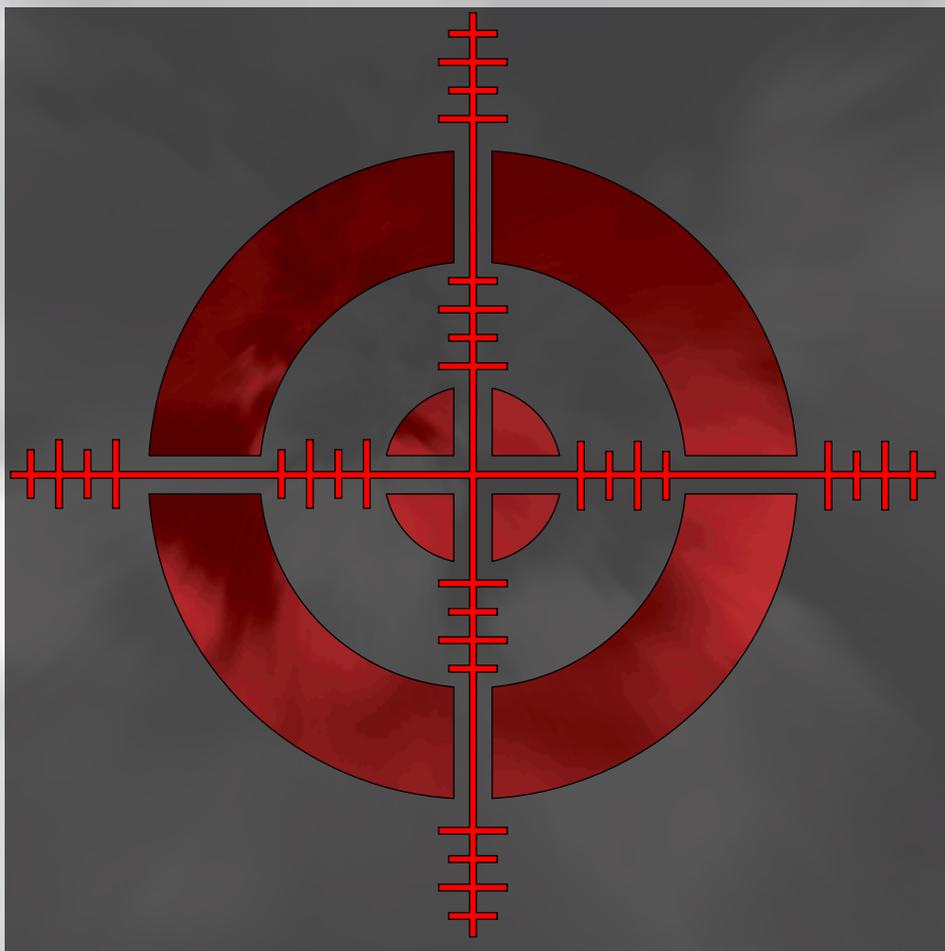


World Wide Web

RANGER™

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ALWAYS ON TARGET



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