

COUNTER TERRORISM EQUIPMENT

INDEX:

<i>Orion NLJD</i>	1
<i>Military N.L.J.D.</i>	4
<i>Density Detector</i>	4
<i>Portable X-Ray</i>	5
<i>SnakeEye Video Investiga-</i>	6
<i>Line Amplifier</i>	7
<i>EOD Search Tool Kit</i>	8
<i>Bomb Bins</i>	9
<i>X-Ray Machines</i>	10
<i>Letter Bomb Detector</i>	12
<i>Bomb Blast Window Film</i>	13
<i>Weapon & Metal Locator</i>	14
<i>UVBT (Car Bomb) Detector</i>	14
<i>Archway Detector</i>	15
<i>I.P.S. Contact Details</i>	16

Special points of interest:

- **Highly Portable**
- **Highly Sensitive**
- **Head-Up Display**
- **Fully Programmable**
- **20 Meters(65ft.) remote operation**

THE ORION NJE4000 NON-LINEAR JUNCTION DETECTOR

ORION provides the capability to detect hidden electronic devices, regardless of whether the device is radiating, hard wired, or even turned on at all! ORION is the latest advancement in Non-linear Junction Detection and evaluation for IEDD & EOD purposes.



With a single-body design and integrated transceiver, extension pole, antenna, and display assembly the Orion weighs less than 4 lbs (1.8 kg) and is carried in a case just slightly larger than a briefcase.

Its unique design makes it the lightest and most versatile Non Linear Junction Detector on the market today. Part of this design features a full colour head-up display unit, giving the operator an immediate positive indication as to an electronic threat or corrosive material.

The ORION Inspection tool kit contains selected tools for verifying the existence of threatening electronic devices.

This tool kit is sold with the ORION Non-linear Junction Evaluator and provides tools that are uniquely suited for use with a Non-Linear Junction Detector. The toolkit is designed to fit inside the case with the ORION



Included Inspection Tools

Borescope with built-in light and right-angle viewing for inspection inside walls, furniture, etc....

Wiretracing system to trace miscellaneous cables.

Fluke Multi-meter for testing miscellaneous cables and electronic devices.

Combination Stud Finder and metal detector for non-destructive evaluation.

Hammer to evaluate the stability of a junction under the physical vibration.

Ultra-Violet Light and Marking Pen

Multi-purpose geared screwdriver. Provides screwdriver function as well as small drill for use with Borescope.

Miscellaneous Tools: Pliers, wire cutters, leatherman (multi-purpose tool), Inspection mirrors, measuring tape, flashlight, drill bits for walls.

ORION REMOTE CONTROL UNIT FOR IEDD & EOD USE

The RCM-4000 Remote Control Module is a new addition to the ORION.

“Allows the operator to be stationed 20 Mtrs away...”

The RCM enables the ORION to be placed in a fixed position and the operator to be stationed up to 20 meters away and possibly out of site of the ORION in a safe location. Operation using the remote control module is identical to normal ORION operating procedures. No additional training needed!

This ORION accessory is a direct result of requests from our clients, and many units have already been sold for anti-terrorism applications.

The RCM-4000 has many practical uses. Most of these uses involve the pre-screening of packages, suspicious items, luggage, or people for electronics.

Using this approach, the presence of electronic circuitry may be evaluated prior to using other detection equipment such as X-ray. Furthermore, this electronic evaluation may be conducted without moving or touching the suspicious item.

Some examples are:

- Positioning the ORION over a suspicious package using a Tri-pod.
- Placing the ORION on a robot vehicle with the operator located away from any potential hazard to examine suspicious packages.
- Positioning the ORION over a conveyer belt carrying postal packages, and providing long term monitoring from a centralized location.
- Covert situations in which the technician must be out of sight. Placing the ORION in a chair, desk, or conference room table.

“Can be placed on a Robot Vehicle with the operator located away from potential hazard..”

Features

The ORC-4000 provides power for the ORION and itself through the use of a standard 7.2V NiCd ORION Battery or an External DC input from 9-24 Volts.

When connected to an external power source the ORC is capable of providing a maintenance charge to the Battery on the ORC. Full charging should be done with the Quick Charger provided in the ORION Case.

Also available is an optional, heavy-duty, professional tripod (TRI-4000). This useful tool mounts the ORION in a fixed position.

A custom mounting bracket for ORION is included with this optional accessory.



RCM-4000 Advantages

Complete kit with the ORION and optional NLJD Tool Kit shown in the Left Case.

Optional* Tripod and the supplied ORION Mount Bracket with Soft-case shown in middle.

On the right is the Remote Control Module, 20 m (65 ft) Cable, and External Power Supply.



"..Duel Display or Single Display mode"

OPERATION:

When using the Remote Control Module, both the ORION and Remote keypads are always active. In other words, either keypad will automatically control the ORION operation. However, there is a "Dual Display" mode and a "Single Display" mode which control whether a single display or both displays are active. When "Dual Display" mode is selected both the ORION and Remote displays, are always on.

When the "Single Display" mode is selected, the display associated with the keypad being used is active and the other display is muted.

On a muted display, only a small flashing diamond indicates that the system is active. "Single display" mode conserves battery power, and some users may desire to blank the ORION display for security reasons.

Specifications

- Remote Dimensions:** 106mm x 190mm (4.2 x 7.75 in.)
- Power Source:** Std. ORION Battery or 9-24 external DC @ 1.5A
- Cable Length:** 20 Meters (65 ft) - Industrial Data Cable
- Audio Output:** 3.5mm Headphone Jack
- Standard ORION Keypad & Display**

Please be aware of the following:

Previously purchased ORIONs will need to be sent to IPS for upgrade in order to utilize this new accessory. The ORION Remote Control RCM-4000 can only be used with ORION's designated as remote capable.

Do not extend the cable length over 20 meters.

Do not use "off-the-shelf" serial type extension cables, as these do not have the current carrying capacity required. IPS suggests the use of the AC adapter as the primary power supply. Battery life will be reduced compared to normal ORION operation without the remote.

The Remote may be powered by a properly polarized power supply with an output rating of 9 to 25 VDC at 1.5 amp, center pin positive barrel connector. External DC voltages greater than 25VDC will cause damage to the remote control and/or the ORION.

Application of voltages over 7.8VDC to the battery contacts or reversed polarity will cause damage.

The AC adapter will provide a maintenance charge to the battery installed on the remote, but for full charge, always place the battery in the manufacture's standard ORION NiCAD battery charger.

"..Programmable search frequency...."

LOCATOR M/S MILITARY N.L.J.D.

“..Military specification Non-Linear Junction Detector....”

The Military specification Locator, designed for IEDD & EOD use, is custom made to match the exacting requirements of dedicated operators and has been selected by military agencies, security agencies, Police and other enforcement organisations worldwide.



The Locator M.S. seeks out active and passive electronic circuitry, such as may be found in electronic timing devices or remotely controlled radio receivers; unique additional circuitry then allows the operator to evaluate the signal received to determine what further action to take.

The unit is highly portable with inbuilt rechargeable battery, simple controls and is ready for instant use; it is versatile and totally effective in all environments.

The unit is highly portable with inbuilt rechargeable battery, simple controls and is ready for instant use; it is versatile and totally effective in all environments.

The antenna wand which contains the transmitter and receiver is extendable from 300mm to 800mm to allow the ground to be searched with the operator in a convenient standing position.

A soft plastic foam cover protects both the antenna head and the surfaces being inspected whilst in use.

DENSITY DETECTOR

The density detector is a portable, lightweight instrument that indicates the presence of hidden material by signalling unexpected changes in the density or thickness of a surface. For example, an 'empty' tyre filled with air will register a lower reading than one filled with explosives or drugs.

In operation the detector emits a beam of energy into the object being inspected and measures the backscatter. A filled space reflects back more energy than an empty space. As the detector is moved across the surface of the object the measured backscatter is displayed on an LCD digital readout and an alarm sounds if the reading changes.



To operate the detector is first placed anywhere on the surface of an object and held for two seconds while a 'normal' reading is registered. The detector is then moved across the surface of the object and any changes in density will trigger an alarm.

To operate the detector is first placed anywhere on the surface of an object and held for two seconds while a 'normal' reading is registered. The detector is then moved across the surface of the object and any changes in density will trigger an alarm.

The contraband detector also features a unique radiation detection function which allows the instrument to detect the presence of concealed radioactive material. Audio output resembles a traditional geiger counter in this mode.

Looks beneath the surface. The detector uses a narrow beam of gamma rays to analyse the density or thickness of a surface and is capable of penetrating wood, metal, textiles, plastic, etc. Since every surface has a predictable density, unexpected changes become obvious. With the exception of photographic and x-ray film the gamma rays cause no damage to the objects

“..portable, lightweight instrument that indicates the presence of hidden material”

SCANTRACK PORTABLE X-RAY SYSTEM

The Scantrack is a multiple application portable x-ray system for use by police, military, ECM and EOD teams.

Designed to be used to examine suspect items on the spot, the Scantrack is lightweight and can be set up for use in under two minutes by one person.

This equipment gives the user high resolution x-ray images with zoom, reverse black and white, pseudo colour, pseudo 3-D and measurement feature in inches and millimetres.

It has been designed to work with all of the currently available portable x-ray sources including the well established XR 150, XR 200 and XR3S units.

The Scantrack is equipped with a multi-lingual interface and can store in excess of 32,000 images for instant recall.

It can be used with both small and large camera boxes.

The Scantrack offers a complete system and comprises the following equipment :

PC Windows Laptop Display
Video Capture and Camera Unit
Portable X-Ray Generator (XR Range)
50 Metre Cable Reel – Integral in Case
Waterproof Carry Case
Wireless Option
Operating Manual



*“..set up for use
in under two
minutes...”*



PC Laptop.

- Screen – Active Matrix 14.1 TFT Screen
- Processor – Pentium III 700 MHz minimum
- Drives – 10 Gb Hard Disk CD Rom with CD RW
- Memory – 128Mb Ram expandable
- Operating System– Windows 98/NT/ME/2000
- Image Storage – Exceeds 32,000 Stored Images
- Power– 220VAC 50Hz or Rechargeable Battery
- Record and Transmit Facility – Video Audio and Date, Fax, LAN & Modem 56k
- Image Manipulation – Rotate, zoom 400%, reverse black and white, pseudo colour, pseudo 3-D, measure, split screen

Video Capture and Camera Unit

- Imaging Area – 8 x 10" (20.32 x 25.40 cm)
- Camera Type – High Performance CCD
- Horizontal Resolution – 625 TV lines
- Video Signal/Noise – Better than 40 dB
- X-Ray source – 150kV or 300 kV pulsed
- Power Supply – 220 VAC 50 Hz 12 VDC – Rechargeable Battery, Auto DC Inverter.
- Wireless Option – 200 Metre Range

Transport Case

- Pelicase or similar watertight case

Country of Manufacturer

- United Kingdom
- USA

*“multi-lingual
interface can
store in excess
of 32,000
images..”*

RED-BOX SNAKE EYE VIDEO INVESTIGATION UNIT

COST EFFECTIVE PORTABLE SEARCH AND INSPECTION EQUIPMENT FOR CUSTOMS, POLICE AND SECURITY

"for rapid general inspections in hard to reach places...."



The Snake Eye is an extremely cost effective electronic camera system, for search and inspection purposes. It is ideal for rapid general inspections in hard to reach places or, if combined with a boroscope or fibrescope, it is used for detailed technical inspections through narrow openings or for covert surveillance work. Evidence can easily be down loaded for recording purposes.

This system is completely self contained and highly portable. It combines a TFT display unit that delivers crystal clear full colour pictures, in a modular package that weighs less than 1.5 Kg. It is supplied with an auto focus, waterproof (15 m depth) general search camera that has it's own built in light source AND/OR a "C mount" camera that will screw on to any standard boroscope or fibrescope adapter, for access through small apertures

The general search camera is fitted to a wide variety of reach attachments which make it extremely versatile. For example it can be fitted to the hand to search in difficult and delicate situations, such as behind instrument panels or around trapped bodies in RTA's. It can be used underwater or for contraband search in containers or vehicles. It can also be used for covert surveillance.

The very compact visual display unit can be attached to the operator's hand or neck and has a rotateable screen so , regardless of the camera orientation, the picture can always be viewed "head up". Camera cable can be up to 325 feet (100m).

The TFT screen is protected by a Lexan outer

cover. The display module contains a removable, rechargeable NIMH battery (approx. 45 min. duration) and an external "power-IN" port that can draw power from the belt battery pack (approx. 6 hours duration) or from the AC mains adapter.

The VDU also has a "composite video" out port for direct download to video (NTSC or PAL) or, via a Capture Vision hardware card /software, to a laptop computer for record filing, print out, or onward transmission of evidence.

A number of accessories are available including, Belt battery packs, long reach extendable poles with articulating heads and "Goose Neck" adapters.

Light weight carbon extending wands and sectional carbon poles, with articulating heads are optional.

"...search camera is fitted to a wide variety of reach attachemen."



CMA-100 - COUNTERMEASURES AMPLIFIER

The Countermeasures Amplifier (CMA-100) is a high gain audio amplifier used to detect and identify certain types of surveillance devices attached to building wiring such as telephone wiring, LAN and server systems, AC Power, Alarm wire etc.

The CMA-100 is designed to provide flexible features and will prove to be very useful in many situations.

The CMA-100 has a balanced input impedance of 50K ohm, can withstand being attached to live power lines with voltages up to 250V, and provides up to 115dB of gain.

Additionally, the CMA-100 utilizes a unique AGC that can automatically adjust gain from -20 to 120dB.

Signals as large as 10V peak-peak can still be monitored with minimal distortions. Manual gain control can be set to 0, 25, 50, 75, or 100dB.

Filters can be positioned to FLAT, LOW PASS, HIGH PASS, or BAND PASS.

CMA-100 Advantages

This multifunctional amplifier has a built in AC/DC digital voltmeter, selectable audio filters, and an extremely wide dynamic range.

Balanced and Unbalanced high impedance inputs provide connectivity to a variety of suspect wiring.

The CMA-100 also provides a bias voltage adjustable between -15V and +15V DC that is used to activate possible devices that are voltage or current sensitive. The bias generator is compatible with most types of line conditions.

All of these functions employ a sophisticated automatic gain control circuit that is superior to most audio amplifiers.



“a high gain audio amplifier used to detect and identify certain types of surveillance devices attached to building wiring such as telephone wiring...”

- **Input Impedance:** 50k balanced
- **Common Mode Rejection:** >75dB
- **Maximum Usable Input:** 10V p-p
- **Preamp Auto attenuator:** 0 to -20 dB (with overload warning LED)
- **Automatic Gain Control:** -20 to +120 dB (includes preamp auto attenuator)
- **Manual Gain Control:** 0, 25, 50, 75, 100 dB
- **Headphone Gain Control:** 0 to 15 dB
- **Maximum System Gain:** 115 dB manual mode, 120 dB in Auto Mode
- **Frequency Response:** 100 Hz to 15Khz
- **High Pass Filter:** 300Hz to 20kHz
- **Low Pass Filter:** 100Hz to 3kHz
- **Band Pass Filter:** 300Hz to 3kHz
- **Headphone Audio Output**
- **Line-Out Audio Output:** 600
- **Bias Control:** 0 to +/-15V DC, 5mA max (over current protected, input impedance is reduced to 3k ohms when bias is active)
- **Digital Voltmeter:** 3.5 Digit, auto zero, auto polarity, +/-199.9V AC/DC
- **Power On/Low Battery LED (LED off @ 6.0V)**
- **Battery:** 9V Alkaline (4-7 Hrs typical run time)
- **Maximum Input voltage:** 250V AC/DC
- **Leakage Resistance to Case:** >10M
- **Size:** 7.3"(184.4mm) x 2.75"(69.8mm)

“...superior to most audio amplifiers”

TOOL KIT FOR IED AND EOD SEARCH

The I.P.S. Tool Kit provides a portable visual search kit for use by ECM, EOD, Customs and Excise and scene-of-crime personnel.

The kit includes a side viewing endoscope for searching inaccessible areas through a gap of 10mm diameter. A 10W halogen lamp in the tip of the endoscope provides bright illumination and enables inspections to be made over distances of up to 1.5m. Power for the endoscope is supplied from a secondary power socket in the fluorescent handlamp included with the kit.



“visual search kit for both EOD and ECM use....”

Search mirrors include a long telescopic model that extends to 1400mm for inspecting inaccessible areas in and above containers, for example, and a short fixed length model which is ideal for room searches. Both can be fitted with the range of interchangeable mirror heads supplied. The kit also contains a fluorescent handlamp to provide a wide area working light and two right angle torches with belt clips.

A selection of miniature mirrors and light probes and illuminated magnifiers are included to assist in the internal inspection of suspect packages and containers with minimal disturbance. Mirrors sizes range from 4.5mm in diameter.

The kit includes the following:

- Handtorch right angle, 2 C cell (2 per kit)
- Handlamp fluorescent, 12w, socket for endoscope
- Endoscope 10w lamp, 9.65mm dia., 350mm, side viewing
- 2 Mirror Arm + Torch 500mm, 45 mirror angle, 2 D cell
- Mirror Arm telescopic, 1400mm open, 350mm closed
- Convex Glass Mirror 140mm(3)
- Mirror, Plano, Glass 64mm(2)
- Mirror Glass Rectangular 64x114mm (2)
- Lampholder converts battery handle to torch
- Magnifier x8 with lamp
- Light Probe 2mm dia., 150mm length
- Mirror Sleeve 4,5mm dia.mirror, fits light probe
- Light Probe 3mm dia 50mm length
- Mirror Sleeve 9.5 dia. mirror fits light probe
- Light Probe 3mm dia, 200mm length
- Mirror Sleeve 9.5 dia. mirror fits light probe
- Light Probe 8mm dia, 254mm length right angled, rigid
- Light Probe 14mm dia, 380mm length straight,rigid
- Light Probe 14mm dia, 380mm length flex & stay
- Light Probe 14mm dia, 380mm length safety, acrylic
- Mirror 64 mm dia., adjustable ball and socket joint
- Mirror 38 mm dia., adjustable ball and socket joint
- Extension 380mm length straight
- Extension 203mm length angled

“...a selection of mirrors and probes”

INTERCEPTOR BOMB CONTAINMENT BIN

The interceptor is a freestanding suspect package isolation bin designed to channel the blast from an explosive in an upwards direction thus reducing lateral fragmentation. The unit has been tested to an explosive level beyond that of any known letterbomb and has outstanding fire resistance. Packages contained inside the unit can be x-rayed through the wall with a portable x-ray machine.



“can be x-rayed with a portable x-ray machine...”

Not suitable for EOD applications. For permanent fixture on floor level.

BOMB CONTAINMENT

The SDIU 101 is designed for the safe containment and movement of postal bombs and reduces the overpressure caused by an explosion by 90%.

In tests the unit has demonstrated the ability not only to protect the surrounding area from the blast but contains the fragmentation that will later form important forensic evidence



“..safe containment and movement of postal bombs...”

BOMB CONTAINMENT DEVICE

When a bomb or a suspicious package is discovered in a public area, immediate evacuation must take place. However, it is very important to realise the time between planting the bomb and actually identifying the device could be considerable; likewise the time distance between identification and the arrival of the Bomb Squad.

THE IPS BOMB inhibitor can be quickly removed from its storage box, carried to the device and laid on top of the package.



“reduce the risk of blast, fire and shrapnel damage by up to 90%”

Immediately the risk of blast, fire, and shrapnel damage could be reduced by up to 90%

BOMB CONTAINMENT

A containment bag suitable for the temporary storage of suspect letterbombs prior to disposal by competent personnel. The bag is manufactured from TWARON fabric reinforced with ballistic inserts and is designed to eliminate the dangerous fragmentation effects of the detonated explosive device.

Once sealed, the bag permits X-ray examination of the contents, without reducing the quality of the image, and is suitable for packages up to 45mm thick.



“...the bag permits x-ray examination without reducing the quality of the image.”

SCANMAX 15 X-RAY

Scanmax 15 is a small cabinet x-ray postal scanner for letters and small packages. Its compact size allows it to sit on a standard table-top or under a desk or mail-room bench and makes it ideal for locations where space is limited. black and white or colour models.

"...screens parcels up to 30x40cm..."

Scanprint option allows you to print x-ray images, email and archive to disc.

Features

- small compact size
- screens parcels up to 30 x 40 cm (12 x 16")
- front opening door
- single push-button operation
- easy mouse control
- security key
- 15" monitor
- easy to install and maintain

Imaging

- black and white model
 - black and white image only
- colour model
 - black and white image
 - inverse b/w image
 - up to 8x zoom
 - color highlighting



SCANMAX 20 X-RAY

Scanmax 20 is a large capacity cabinet x-ray postal scanner for bundles of letters, courier deliveries, parcels and handbags. It combines a large screening chamber with a compact physical size can be either a desk-top or free-standing unit.

"...screens parcels up to 40x40cm..."

Black and white or colour models. Images are stored on screen until the next x-ray exposure is made.

Scanprint facility allows you to print, email and archive x-ray images

Features

- large screening chamber
- screens parcels up to 40 x 40 cm (16 x 16")
- side opening door
- single push-button operation
- easy mouse control
- security key
- 15" or 17" monitor

Imaging

- black and white model
 - black and white image only
- colour model
 - black and white image
 - inverse b/w image
 - up to 8x zoom
 - colour highlighting



SCANMAX 25 X-RAY

Scanmax 25 is a large capacity cabinet x-ray postal scanner for bundles of letters, courier deliveries, parcels and handbags.

It is a freestanding unit combining a large screening chamber with a compact physical size. black and white or colour models. images are stored on screen until the next x-ray exposure is made.

Scanprint facility allows you to print, email and archive x-ray images

Safety

Scanmax x-ray scanners use very low level x-rays and conform to all published international electrical safety standards and are issued with a certified radiation safety and critical examination report

Servicing

Full maintenance and back up support is available. Due to the nature of their design Scanmax x-ray scanners have no conveyor or electrical moving parts that may require expensive servicing



"...screens parcels up to 50x40cm..."

Features

- freestanding compact size
- screens parcels up to 50 x 40 cm (20 x 15.7")
- front opening door
- single push-button operation
- easy mouse control
- security key
- 15" monitor
- no special operator skills required
- easy to install and maintain

Imaging

- black and white mode
 - black and white image only
- colour model
 - black and white image
 - inverse b/w image
 - up to 8x zoom
 - enhanced image
 - 2 colour density maps

Options

- 17" monitor
- scanprint print, email and archive facility
- remote controls

"....very effective for rapidly detecting and locating transmitted signals."

LETTER BOMB DETECTOR

Scanmail 10k is a small desk-top electronic mails scanner for letters and small packages. It will automatically find letterbombs and other suspect items of mail whilst reliably ignoring office clutter such as paperclips and staples.

Over 10,000 units used in government, police, high security locations and corporate mailrooms.



"..Over 10,000 units used in government, police, high security locations and corporate mailrooms...."

Features

- Compact and portable
- Screens parcels up 6cm (2½") thick
- Fast and reliable
- Automatic detection of suspect items
- Visual and audio alarm
- No calibration, simply plug in and use
- Will not damage magnetic media or camera film
- No false alarms on paperclips and staples etc
- No ongoing maintenance
- Back up battery for use where power supply is absent, recharge by simply plugging into the mains
- Back up circuitry in case of malfunction
- All parts modular and easy to replace

Scanmail 10k is also a multi-application device and can be used as a non invasive scanner to find contraband and dangerous items.

In this format it is widely used throughout the world's prisons and correctional facilities achieving considerable success in detecting weapons etc., hidden in incoming mail, packages and hand luggage.

Some of the applications include the following:

- Screening of inmate mail
- Screening of prison library books
- Screening of handcarried visitor items
- Screening of incoming mail (against mailbombs)

Screening of outgoing mail (loss prevention) Scanmail will reliably find contraband such as:

- Narcotics wrapped in aluminium foil
- Handcuff keys
- Razor blades
- Mailbombs sent maximum security prisons
- Knives, coins, and miscellaneous jewellery items

Full specification available on request.

"....can be used as a non-invasive scanner to find contraband or dangerous goods."

ANTI BLAST WINDOW FILM

*"...holds
shattered glass
in place"*



Description : Anti-Blast Window Film

These high-tech safety films are regularly batch-tested to BS 6206, class B, C & A. The safety film is an optically clear 50, 100 or 175 micron film which is invisible when correctly applied to the inside of the glass surface. By holding shattered glass in place, it not only helps to contain the bomb blast but also minimises the effects of bricks and similar missiles thrown through the glass. Even more sophisticated laminate versions give extra 'break-in' protection, tinted privacy and solar heat benefits.

Description : Anti-Blast Window Nets

Using special high-tensile construction, these nets have a bursting strength of 5kgs per square centimetre. They are flame retarding to British Standard requirements, BS 5867, part 2, 1980 class B, C & A. and available in various shades. Every Anti-Blast net, together with its top rail and retaining box, is custom made to the exact window size - essential if it is to give maximum security.

The Manufacturer designed and developed the original Anti-Blast net system in conjunction with the Department of the Environment and are the major contractor to the Government Agencies for Bomb Blast Film and Anti-Blast Nets. Essentially the net is designed to billow and contain the splinters of shattered glass, carrying them safely to the floor and preventing them from flying lethally around the building.

*"...these nets
have a bursting
strength of 5kgs
per square
centimetre.."*

Anti-Blast film applied to the glass, helps to prevent it disintegrating so that the net can contain it more effectively. Correct installation is vital, every installation is manufactured to precise window measurements and every single net computer coded to ensure the wrong net is never fitted, even after cleaning.

Further details available on application

WEAPON & METAL LOCATOR

“..five different models available with various sensitivity..”

The I.P.S. Weapon Locators, are high sensitivity metal detectors. With a range of five products several include a separate rocker switch facility which in the back position enables them to perform as first class personnel search detectors and with the rocker switch in the forward (turbo) position converts the electronics into a high sensitivity metal detector enabling the detection of very small pieces of metal previously unfound.



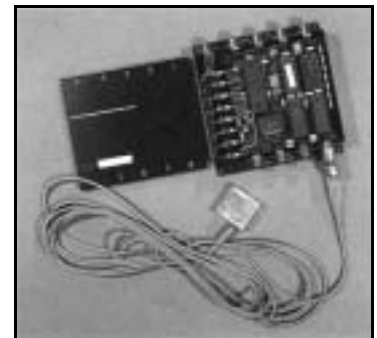
The AD 16 has a pre-set turbo level, ideal for a really rapid search for small targets whereas the AD 17 has a variable turbo control for programmable detection.

- Simple push-button operation - instant response to all metals
- Auto ranging - automatically adjusts for optimum performance for any target size
- Clear audible signal combined with visual L.E.D.
- Fully automatic self-adjusting circuits
- Position switch for Normal/Turbo
- Ultra high reliability electronics. Rugged construction high impact resistant case
- Supplied complete with wrist strap and battery ready for use
- Year Warranty
- Available in Grey or Black

Due to advanced technology, battery consumption is reduced to a level previously unattainable, allowing a minimum of 12 months daily operation from a single replaceable battery.

UNDER VEHICLE BOOBY TRAP DETECTOR

This dual function system gives the driver a visual warning if a magnet of reasonable strength is fitted to the underside of the vehicle. The system also provides a visual warning if the car doors, boot or bonnet are released whilst the driver is absent from the vehicle.



Using state of the art CMOS technology to provide the most advanced detection system of it's type available in the world today. Using microprocessor techniques the system carries out advanced Noise Cancellation and Ambient Magnetic Threshold measurements to ensure that the system is effective even in the most hostile environments.

The system is a very effective detector of magnetic fields as created for example, when a magnetically attached IED (improvised explosive device) has been planted on the vehicle underbody. For a standard saloon car, 8 sensors are fitted within the vehicle and provide protection for the entire underbody area of the vehicle.

“...over 10,000 installed...”

- Over 10,000 installed
- Proven and extremely reliable system
- Discreet installation
- Easily Transferable
- Effective in hostile environments

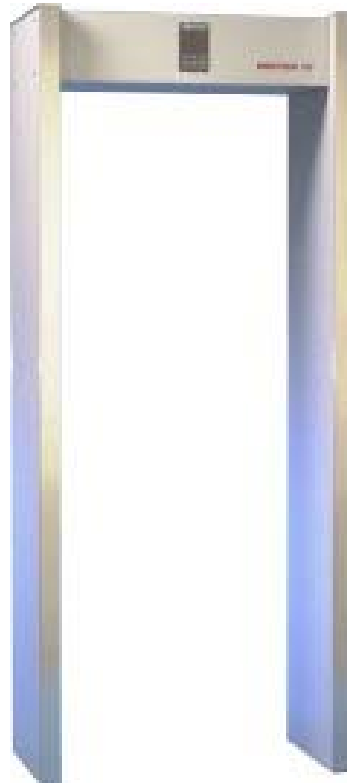
GATESCAN ARCHWAY DETECTOR

The Gatescan 150 is a low cost, general purpose walkthrough metal detector for weapons detection and access control. target objects, such as guns and knives, are consistently and accurately detected, while personal items such as keys, coins, belt buckles and spectacles can pass through without causing alarm.

Gatescan 150 has a unique uniform detection field and can find threat objects regardless of orientation. Because the unit is continuously active, at no time it is possible to toss, pass or slide a weapon through without detection.

Gatescan offers :

- Uniform detection field throughout the archway. no black spots where weapons can be slipped through
- Complete detection regardless of object(s) orientation. however the weapon is concealed on the body, Gatescan can find
- User friendly control unit integrated into the cross piece. no complicated user manual required.
- Access code protection to prevent tampering with settings.
- Automatic sensitivity calibration for quick and easy set up.
- Multiple unit operation in close proximity without synchroniza-



*"..low cost
general
purpose walk
through
detector...."*

it.

Specifications

Programs	21 detection programmes designed to meet International Security Standards and to detect specific metals
Sensitivity	100 sensitivity levels for precision detection of target objects
Calibration	Automatic or manual calibration. No initial or periodic calibration necessary
Alarm indications	Adjustable volume and tone for audible alarm indication. Red LEDs indicate an alarm and a horizontal bar graph indicates the relative size of the object
Volume and Tone	10 volume levels and 3 operator selectable tones distinguish alarms from adjacent units
Frequencies	10 operating frequencies for multiple unit operation
Throughput rate	Capable of a minimum of 50 persons per minute, not limited by the Digital Signal Processing
Object speed compensation	Adjustable object speed response eliminates the need to increase sensitivity in order to compensate for faster or slower object speeds. Object speed compensation is from 0.2 feet/seconds to 28 feet/second,
Interference Rejection	GateScan 150 has high immunity to external electrical interference, such as x-ray machines, computer or CCTV monitors.
Self-diagnostics	Self-diagnostics constantly monitor the detector's internal circuitry, external connections and environment
Continuously active	GateScan 150's detection is continuously active. At no time it is possible to toss, pass or slide a weapon through a GateScan 150 metal detector without detection
Memory	Parameters stored in non-volatile RAM so no loss of settings as a result of power failure or turning off the unit
Construction	Constructed of heavy duty laminate with stainless steel trim and a steel crosspiece for an extremely durable and mark resistant finish
Temperature Range	14° F to 131° F (-10 ° C to 55 ° C)
Humidity Range	0 to 95%, non condensing

*"....quick and
easy set up by
one person..."*

COUNTER TERRORISM EQUIPMENT

INDEX:

Orion NLJD	1
Military N.L.J.D.	4
Density Detector	4
Portable X-Ray	5
SnakeEye Video Investiga-	6
Line Amplifier	7
EOD Search Tool Kit	8
Bomb Bins	9
X-Ray Machines	10
Letter Bomb Detector	12
Bomb Blast Window Film	13
Weapon & Metal Locator	14
UVBT (Car Bomb) Detector	14
Archway Detector	15
I.P.S. Contact Details	16

*"...more than
fifteen years
experience in
over seventy
countries...."*

INTERNATIONAL PROCUREMENT SERVICES (OVERSEAS) LTD

International Procurement Services (Overseas) Ltd has more than fifteen years experience supplying Counter Terrorism and Electronic Counter Measures Equipment to Law Enforcement, Government Agencies and major Corporate Users in more than seventy countries around the world.

As a company, I.P.S. believe that training is an essential part of the procurement process and to this end specialist engineers are available for all of the equipment that we supply. By arrangement, training can be carried out either in the U.K. or overseas at the client's facility.

Apart from the equipment shown in this brief catalogue, I.P.S. (Overseas) Ltd., are able to supply a complete range of EOD & ECM equipment from various manufacturers both in the U.K. and the rest of the world. We maintain a large database of all relevant products and associated services and frequently assist our clients by researching or evaluating equipment which may be new to the market.

Due to the nature of the equipment we supply, client confidentiality is an essential part of our business and for this reason, we regret, we are unable to supply either a client list or a list of users under any circumstances.

Please note, all equipment is supplied either FOB London or CIF Airport of Destination. It is the buyer's responsibility to check local import formalities and arrange the necessary clearances.

Most of our equipment is covered by either a one or two year 'back to base' warranty please check individual product guarantees at time of purchase. In many cases either extended warranties or service contracts are available.

For further information please visit either of our web sites listed below.

INTERNATIONAL PROCUREMENT SERVICES (OVERSEAS) LTD

163-169 Brompton Road, Knightsbridge,
London, SW3 1PY, U.K.

Phone +44 20 7258 3771 Fax +44 20 7724 7925

e-mail sales@intpro.co.uk web site: www.intpro.co.uk & www.securitysearch.co.uk