

Metal detectors are in daily use throughout the world. Models range from the static archway type which we are all familiar with in operation at airports, to the hand held wand type as used in prisons, by the military, at football gates and nightclubs.

And now an exciting and totally new concept, the versatile 'Sensor-Mit' metal detector.



Sensor Mits model MDSM2 (pair)



SENSOR-MIT

product ref **MD SM1** (single) and **MD SM2** (pair)

- Comfortable, lightweight design
- Simple, quick and convenient in use
- Effective even in noisy environments
- Discreet non audio alert

Based on reliable, well proven technology, the Sensor-Mit is an exciting new concept in metal detection products, which offers advantages over previously available conventional products in a variety of situations. The universal Mits (left or right hand use) fasten on with two velcro straps and can be used singly, or for speed can be worn as a pair. The open style design ensures operator comfort when used in warm environments, whilst if it is cold, the Mits can be worn over gloves without impairing performance.

In operation the Mits allow the easy and automatic detection of any metal objects during a quick 'pat down' check. Unlike conventional wand detectors which provide an audible signal, the Sensor-Mit alerts the operator to the presence of any type of metal object with a vibrating signal transmitted to the operators wrist. Not only is the vibrating signal more discreet than an audible siren, but it can also be much more reliable in noisy environments, making the unit ideal for use in nightclub environments or at football gates.

Completely self contained, each Mit is powered by a standard 9v PP3 battery offering up to 150 hours continuous operation.

Wand type metal detectors

product ref **MD AD10**

General purpose hand held metal detector designed to endure 24 hour continuous use and abuse in the toughest working environments. This proven unit is supplied worldwide where users include airports, police forces and the military among others.



product ref **MD AD11v**

Basically as for model MD AD10, the AD11v incorporates a vibro feedback signal on detection and rocker switch that enables the sounder to be switched off.



Alarm Indication: simultaneous high intensity L.E.D and Piezo sounder (alarm indicator on low battery condition)

Dimensions: 362 x 55 x 30mm

Weight: 262 grams (including battery)

Sensitivity: AD10 to 0.1 grams detection mass

AD11v to better than 0.1 grams detection mass

APPROVALS & TESTING

The Wand Style units above are tested and approved to: EEC EN5008-1 table 1. EN50082-1 table 1:1.1 Radiated Emissions.

Conforms to international standards: IEC, NILEC of FCC, FAA. Medically tested and approved, no risk to persons with pacemakers, non interference with magnetic data.

Operational temperature: -20C to +65C

Storage temperature: -30C to +80C

Waterproofing: to IP64 (IEC529)

The Sensor-Mits utilise standard technology as utilised within the wand style detectors

product ref **MD AD18**

Versatile high performance unit with two operating mode options selected by the flick of a switch. Click the rocker switch back and the unit becomes a high speed general purpose unit, click it forward and the unit switches to super high turbo sensitivity mode capable of detecting very small metal masses which were previously undetectable. This well proven unit is supplied worldwide where users include airports, police forces and the military among others, ideal for use where full body sweep required in metal floored areas.



product ref **MD AD2600S**

An ultra sensitive, high speed detector offering exceptionally low power consumption (up to 350 hours continuous operation from alkaline battery). Designed to detect all metals and with a target detection size of better than 0.03 grams, this unit is widely used for the detection of extremely small masses of metal that have even been ingested or concealed in body cavities. The ideal tool for prison and correctional institution applications, hospital emergency units, screening for ingested foreign metal objects in patients (i.e. swallowed by children).



Alarm Indication: simultaneous high intensity L.E.D and Piezo sounder (alarm indicator on low battery condition)

Dimensions: 360 x 105 (probe body 55mm) x 35mm

Weight: 280 grams (including battery)

Sensitivity: AD18 High or Turbo (operator selected)

AD2600S to 0.03 grams detection mass