

METOR 6S

NIJ Standard 0601.02, high sensitivity walk-through metal detector for prisons and facility asset protection.

Exceptional Sensitivity

Superior Immunity

Complies with NIJ Standard 0601.02



The Metor 6S High Sensitivity walk-through metal detector is designed specifically for detecting small ferrous and non-ferrous items, such as disposable prison razors, a piece of razor blade, metal shanks, handcuff keys, detonator caps, jewelry, coins, microprocessor and memory chips. The Metor 6S increases safety in prisons and jails by efficiently detecting small metal objects that can be used as weapons, even when they are hidden in body cavities. When used in manufacturing and distribution facilities to protect small, valuable assets, the Metor 6S raises profitability by deterring employee theft.

NIJ Standard 0601.02

The Metor 6S complies with NIJ Standard 0601.02, fulfilling the requirements for corrections and law enforcement agencies. Preset programs which meet the different security levels defined by NIJ are immediately available.



Independent Zones Provide for:

- Superior discrimination
- Reliable detection of threat items
- High traffic throughput
- Reliable location of threats

Enhanced Security

The latest features for advanced security are available on the Metor 6S. Calibration guard, power guard and ready-state violation all protect against unwanted tampering to the machine. Fully configurable user levels allow for unprecedented control over who can view and change settings on the Metor 6S.

Enhanced Features for Easier Usability

Automated sensitivity and floor sensitivity functions make the calibration process easy, eliminating the time consuming trial and error method.

Automated frequency function selects the optimum operating frequency for the installation environment or in case of side-by-side use of more than one unit.

Preset Detection Programs – The Metor 6S is delivered with multiple preset detection programs for the different levels of NIJ-0601.02 as well as for the detection of small magnetic or non-magnetic items and objects made of mixed alloys, ready to use immediately.

Random Alarm Function

The Metor 6S has a random alarm function that enables security personnel to randomly choose individuals for an additional security check.

With the new dual random alarm feature, people who cause a normal alarm are also subject to a random alarm.

Intelligent Traffic Counters for Reliable Statistics

Metor 6S is built with intelligent and virtually invisible traffic counters which are integrated inside the coil panels. Counters are bi-directional with a decrease mode. Alarms, people and alarm rates can all be counted.

Easy to Install and Operate

With its immunity to electromagnetic interference and vibration, the Metor 6S is easy to install in the most demanding environments. Several units can be placed in close proximity to one another, increasing the level of flexibility when planning an installation site.

Markets

- Law Enforcement
- Prisons
- Loss Prevention

METOR 6S

Conformity

Safety Standards

Other Standards

CE Compliant
Specifications

Ambient Operating Temperature

Humidity

Protection

Power Supply

Alarm

Sensitivity

Calibration

Interference Suppression

Warranty

Network Connections

Dimensions

Shipping

Weight & Volume

The Metor 6S meets with the limits set by international standards for human safety. Safe for wearers of heart pacemakers, pregnant women and magnetic recording materials.
The Metor 6S complies with NIJ Standard 0601.02, fulfilling the requirements for corrections and law enforcement agencies.
Conforms to the applicable international standards for electrical safety and EMC.

From -20° C to + 60° C
(From -4° F to +140° F)
0 to 95%, no condensation
IP 55 (EN 60529)
Mains: 90-264V AC/50-60Hz
Battery: 12V DC
Consumption: 50W (AC), 40W (DC)
Fuse: T1A 5x20 mm
Power cord length: 2.5 m (8.2 ft).

Audible/visible alarm.
Alphanumeric display and Zone Display. Relay contact for remote alarm (SPDT)
100 sensitivity steps in each program. Separate horizontal zones with independently adjustable sensitivity from 0-200%.
Automatic or manually set.
Digital filtering by signal processor. Several operating frequencies to suppress local electrical noise.
Two (2) years, parts
MetorNet Remote Security Monitoring System compatible (Ethernet)
Interior: 710 mm (28") Width x Interior: 2050 mm (80.7") Height
Exterior: 850 mm (33.5") Width x 2240 mm (88.2") Height x 700 mm (27.6") Depth
Total: shipping weight: 74.5 kg (164 lbs)
shipping volume: .47 m³ (16.5 cu ft)
Net Weight: 58 kg (128 lbs)
Coils: shipping weight: 55.5 kg (122.4 lbs)
shipping volume: .35 m³ (12.37 cu ft) Cross bars + electronics:
shipping weight: 19 kg (42 lbs) shipping volume: .12m³ (4.2 cu ft)



Options and Accessories

Battery Backup: Up to 8 hours of runtime when no power is available.

Remote Control Unit: A bi-directional remote control unit enables easy programming as well as copying of the parameters from one unit to other units. This control unit, unique only to the Metor brand of walk-through metal detectors, makes programming several detectors fast and easy. The operation of the control unit is secured with passwords and a code-hopping encryption algorithm to prevent unauthorized access.

MetorNet 3 Pro Web: A Remote Security Management System that collects the statistics on traffic flow and alarm data of up to 255 Metor walk-through metal detectors and generates easy-to-read reports.

Traffic Lights: to assist in the smooth flow of people through the machine.