

# 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

Enhanced Security Features

Automated Features for Usability

Independently Adjustable Detection Zones

Location Display



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 unit. 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.

## Location Display

20 segment zone display locates the alarmed item(s) on a person quickly enhancing the screening process and throughput

## Markets

- Law Enforcement
  - Prisons, Courts, Jails
- Loss Prevention
  - Electronics industry, jewelry manufacturing, mints
- Airports

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systems

An OSI Systems Company

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## Conformity

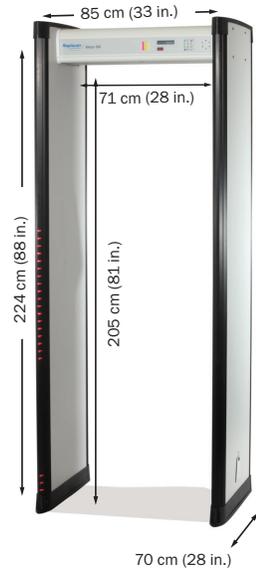
Safety Standards	Metor 6S has been tested against and complies with applicable magnetic field standards concerning human exposure and pacemaker safety.
SAFETY ACT	Rapiscan Systems products have been certified by the U.S. Department of Homeland Security for Support Anti-Terrorism by Fostering Effective Technologies (SAFETY) Act of 2002, which provides important benefits to organizations that deploy security technology. For additional information visit <a href="http://www.safetyact.gov">www.safetyact.gov</a> .
Other Standards	The Metor 6S complies with NIJ Standard 0601.02, fulfilling the requirements for corrections and law enforcement agencies.
<b>CE</b> Compliant	Conforms to the applicable international standards for electrical safety and EMC.

## Specifications

Ambient Operating Temperature	From -20° C to + 60° C (From -4° F to +140° F)
Humidity	0 to 95%, no condensation
Protection	IP 55 (IEC 60529)
Power Supply	Mains: 90-264 VAC / 50-60 Hz Battery (optional): 12 VDC Consumption, typical: 30W (AC), 25W (DC)
Alarm	Audible/visible alarm. Alphanumeric display and Zone Display. Relay contact for remote alarm (SPDT)
Sensitivity	100 sensitivity steps in each program. Separate vertical zones with independently adjustable sensitivity from 0-200%.
Calibration	Automatic or manually set.
Interference Suppression	Digital filtering by signal processor. Several operating frequencies to suppress local electrical noise.
Network Connections	MetorNet Remote Security Monitoring System compatible (Ethernet)
Dimensions	Interior: 71 cm (28 in.) Width x Interior: 205 cm (81 in.) Height Exterior: 85 cm (33 in.) Width x 224 cm (88 in.) Height x 70 cm (28 in.) Depth
Weight	63 kg (139 lbs.)
Shipping Weight & Volume	Total: shipping weight: 88 kg (194 lbs) shipping volume: .45 m <sup>3</sup> (15.9 cu ft) Coils: shipping weight: 70 kg (154 lbs) shipping volume: .35 m <sup>3</sup> (12.4 cu ft) Crosspiece + electronics: shipping weight: 18 kg (40 lbs) shipping volume: .10 m <sup>3</sup> (3.5 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 Metor walk-through metal detectors and generates easy-to-read reports.
- Traffic Lights: to assist in the smooth flow of people through the unit.
- Additional Zone Display: to the entry side for improved visibility, traffic flow management and flexibility in installation
- Remote Display Set for convenient remote monitoring and operation of the unit
- Dolly: for easy relocation of the unit



With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice. Product pictures are for general reference. Please note that due to US laws and regulations, not all Rapiscan products are available for sale in all countries without restriction. Please contact your Rapiscan Systems sales representative for more information.

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Rapiscan Systems is  
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