

# Metor 200 HS

**Walk-Through Metal Detector**  
**High Sensitivity**

**Rapiscan<sup>®</sup>**  
**systems**  
An OSI Systems Company

## PEOPLE SCREENING

**Detects Small Items**

**Increases Safety in Prisons**

**Protects High Value Assets**

**Uniform Detection**

The **Metor 200 HS** 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 200 HS 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 200 HS raises profitability by deterring employee theft.

## UNIFORM DETECTION

The sensitivity of the entire detector and individual zones can be easily adjusted. This flexibility allows the Metor 200 HS to operate in difficult environments. It performs optimally even in locations where external stationary metal impairs the detection uniformity of conventional metal detectors. For example, when a Metor 200 HS must be used in proximity to large metal objects, its multi-zone structure enables detection uniformity to be easily restored. Ambient electromagnetic interference can be measured to optimize the unit's performance.

## MOBILITY

The unit can be easily moved to different locations.

## STATISTICS

Intelligent traffic and alarm counters calculate the traffic flow and resultant alarms. The counters both increment and decrement, thereby giving a true traffic count. The optional MetorNet Remote Security Monitoring System makes it easy to collect statistics while controlling and monitoring multiple Metor brand walk-through metal detectors.

## USER-FRIENDLY INTERFACE

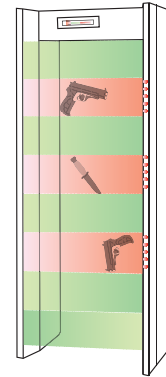
All parameters are set through a remote control unit. An alpha-numeric display shows the results of parameter adjustments, traffic counts and self-testing diagnostics. The remote control unit can be programmed to operate one or multiple metal detectors.

## ZONE DISPLAY

The zone display identifies the level(s) at which detected object(s) are carried. This enables security personnel to immediately target metal objects.



## EIGHT INDEPENDENT DETECTION ZONES



- Target objects are independently detected in each zone.
- Provides more uniform detection.
- Zone display illuminates at the level where a detection occurs.

## Options & Accessories

### REMOTE ZONE DISPLAY UNIT:

Remote zone display unit can operate at a distance of up to 65 m (213 ft) from the detector. It shows the position of detected items and generates an audible alarm.

**CARRYING BAG:** Ideal for transportation and/or storage.

**WHEEL KITS:** For easy mobility of the metal detector in an upright position.

**TEST PIECES:** To assist in calibration and testing. *Only available in the US.*

**METORNET 3 PRO:** Remote Security Management System collects the statistics on traffic flows and alarm data of up to 255 Metor Walk-Through Metal Detectors and generates easy-to-read reports. It allows detector security levels to be changed from a central PC.

## Standard Accessories

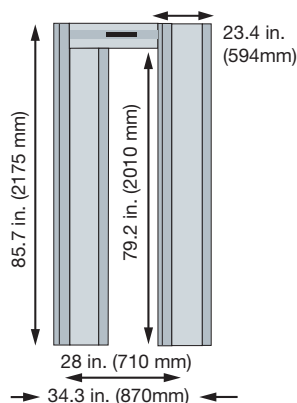
**PROTECTIVE BOOTS:** ABS-plastic boot protects coil panels from floor washing liquids and scuffmarks. The boot is easy to install and change. It will have no effect on the usability of the floor-level zone display.



#### PEOPLE SCREENING

#### CUSTOMER SUPPORT

Our team is dedicated to providing a prompt, effective and personalized response that exceeds your expectations. With spare parts inventory and skilled technicians all over the world, you can be certain Rapiscan Systems will always be prepared with a solution to address your requirements. By measuring response time, parts delivery and support status, our team embraces a customer focused philosophy to ensure continual improvement in customer support, products and services.



CARRYING BAG



WHEEL KITS



REMOTE ZONE DISPLAY UNIT

**CONFORMITY** Rapiscan Systems Metor brand of walk-through metal detectors conform to the applicable EU directives and meets the requirements of the following standards:

<b>Safety Standards</b>	EN 60950 (Electrical safety)
<b>EMC Standards</b>	EN 50081-1 (Emission), EN 50082-1 (Immunity)
<b>Other Standards</b>	NILECJ-0601, security levels 1-5 (covers the design and performance of walk-through metal detectors). Safe for wearers of heart pacemakers, pregnant women and magnetic recording materials.
<b>CE Compliant</b>	Yes

#### SPECIFICATIONS

<b>Ambient Operating Temperature</b>	From -10 °C to +55 °C (From +14 °F to +131 °F)
<b>Humidity</b>	Up to 95%, no condensation
<b>Protection</b>	IP 20 (EN 60529)
<b>Power Supply</b>	AC Power: 90-264VAC/45-65Hz Battery: 24-35V DC Consumption: 45W Fuse: T1A 5x20 mm Power cord length: 2.5 m (8.2 ft)
<b>Alarm</b>	Audible/visible alarm. Alphanumeric display and Zone Display. Relay contact for remote alarm (SPDT)
<b>Sensitivity</b>	100 sensitivity steps per program
<b>Zone Sensitivity Adjustment</b>	All eight zones are individually adjustable (0 to 255 %) with respect to the overall sensitivity level
<b>Calibration</b>	Automatic or manually set.
<b>Interference Suppression</b>	Digital filtering by signal processor and user selectable frequency selection
<b>Advanced Self-Adjusting Diagnostics</b>	User-friendly diagnostics identify fault condition
<b>Warranty</b>	Two (2) years, parts and labor
<b>Network Connections</b>	MetorNet Remote Security Monitoring System compatible (RS422 and Ethernet)

#### APPLICATIONS

Prisons	Mints	Electronics Industry	Jewelry Manufacturing
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ISO 9001:2000 Certified

With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice.

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