

# Metor 200 HDe

Walk-Through Metal Detector  
High Discrimination

**Rapiscan**<sup>®</sup>  
systems

An OSI Systems Company

## PEOPLE SCREENING

High Efficiency Screening

Non-Compromising Detection

Excellent Discrimination

Unique Multi-Zone Principle

### HIGH EFFICIENCY SCREENING

The **Metor 200 HDe** High Discrimination walk-through metal detector is specifically designed for demanding, high traffic screening applications. It detects weapons efficiently and discriminates against harmless personal objects. Therefore, traffic flow can be maintained at an optimum rate in locations where fast throughput is essential.

### UNIFORM DETECTION

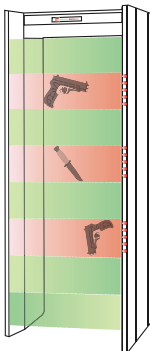
The sensitivity of the entire metal detector and individual zones can be easily adjusted. This flexibility allows the **Metor 200 HDe** to operate in difficult environments. It performs optimally even in locations where external stationary metal impairs the detection uniformity of conventional metal detectors. For example, when a Metor 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.

### UNIQUE MULTI-ZONE PRINCIPLE

True multi-zone design guarantees first-rate performance. Each detection zone functions as an independent detector and automatically increases discrimination by reducing the cumulative signal effect caused by distributed harmless objects.

### THE BENEFITS OF THE MULTI-ZONE PRINCIPLE

- Superior discrimination.
- Reliable detection of threat items.
- High traffic throughput.
- Optimum immunity to environmental interference and external stationary metal.



### EIGHT INDEPENDENT DETECTION ZONES

- Target objects are independently detected in each zone.
- Signals from distributed harmless objects do not combine to produce unnecessary alarms.
- Provides more uniform detection.
- Zone display illuminates at the level where a detection occurs.



### MOBILITY

The unit can be easily moved to different locations.

### STATISTICS

Intelligent traffic and alarm counters calculate the traffic flow and alarm rates. The counters can be set to increment and decrement, thereby giving a true traffic count. By using the MetorNet Remote Security Monitoring System, it is easy to collect statistics while controlling and monitoring multiple Metor brand walk-through 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 objects and ensure that maximum throughput can be maintained in high traffic locations.

## 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.

**BATTERY BACKUP SYSTEM:** For 2-hour runtime when no power is available.

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

**COLOR & FINISHING OPTIONS:** Special colors, decorative laminates or real wood finish.

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

**TEST PIECES:** To assist in calibration and testing.

**METORNET 3 PRO:** Remote Security Management System collects the statistics on traffic flows and alarm data of up to 99 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. Different colors are available upon request.



ONE COMPANY - TOTAL SECURITY

#### PEOPLE SCREENING

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##### ISO 9001:2000 Certified



CARRYING BAG

BATTERY BACKUP

REMOTE ZONE DISPLAY UNIT

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

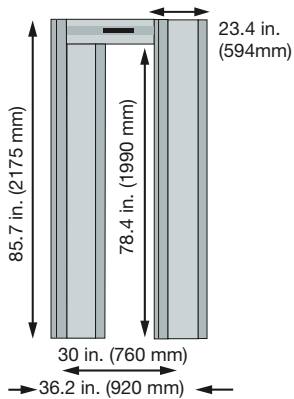
Safety Standards	EN 60950 (Electrical safety)
EMC Standards	EN 50081-1 (Emission), EN 50082-1 (Immunity)
Other Standards	NILECJ-0601, security levels 1-5 (covers the design and performance of walk-through metal detectors), TSA approved and DfT (UK) approved. Safe for wearers of heart pacemakers, pregnant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

#### SPECIFICATIONS

Ambient Operating Temperature	From -10 C to +55 C (+ 14 F to +131 F)
Humidity	Up to 95%, no condensation
Protection	IP 20 (EN 60529)
Power Supply	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)
Alarm	Audible and visible alarm. Alphanumeric display and zone display. Relay contact for remote alarm (SPDT)
Sensitivity	100 sensitivity steps per program
Zone Sensitivity Adjustment	All eight zones are individually adjustable (0 to 255 %) with respect to the overall sensitivity level
Calibration	Automatic or manually set. An automatic sensitivity function selects the appropriate sensitivity for a specific weapon or test object. This eliminates the time consuming trial and error method.
Reset Time	Adjustable
Interference Suppression	Digital filtering by signal processor and user selectable frequency selection
Advanced Self-Adjusting Diagnostics	User-friendly diagnostics identify fault condition
Warranty	Two (2) years, parts and labor
Network Connections	MeteorNet Remote Security Monitoring System compatible (RS422 and Ethernet)
Shipping Weight & Volume	Total: shipping weight: 71 kg (156.5 lbs) shipping volume: 0.47 m <sup>3</sup> (16.61 cu ft) Net Weight: 50.7 kg (111.8 lbs) Coils: shipping weight: 50.5 kg (111.3 lbs) shipping volume: .35 m <sup>3</sup> (12.37 cu ft) Cross bars + electronics: shipping weight: 20.5kg (45.2 lbs) shipping volume: 0.20m <sup>3</sup> (7.07 cu ft)

#### APPLICATIONS

Airports	Public Buildings	Conferences
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[www.rapiscansystems.com](http://www.rapiscansystems.com)

**CUSTOMER SUPPORT SERVICES:** 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.

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

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