

Metor 200

Walk-Through Metal Detector

Rapiscan
systems

An OSI Systems Company

PEOPLE SCREENING

Unique Multi-Zone Principle

Uniform Detection

Excellent Discrimination

User-Friendly Interface

UNIQUE MULTI-ZONE PRINCIPLE

The **Metor 200** walk-through metal detector features a unique multi-zone principle to guarantee 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.

UNIFORM DETECTION

The sensitivity of the entire detector and individual zones can be easily adjusted. This flexibility allows the Metor 200 to operate in difficult environments. It performs optimally even in locations where external stationary metal impairs the detection uniformity of conventional detectors. For example, when a Metor 200 must be used in proximity to large metal objects, its multi-zone structure enables detection uniformity to be easily restored. If the metal detector is located above a metal floor, the sensitivity can be adjusted to give uniform performance.

SECURITY

The switches, cables and connectors are built in, guaranteeing tamper-proof and continuous operation. The remote control unit can be locked inside the crosspiece or kept in the possession of authorized persons only, preventing anyone else from modifying the detector's parameters. The remote control unit utilizes passwords to prevent unauthorized access to the detector's parameters.

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 walk-through metal detectors.

MOBILITY

The unit can be easily moved to different locations.

STATISTICS

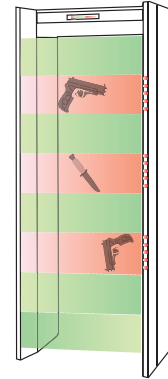
Intelligent traffic and alarm counters calculate the traffic flow and resultant alarms. The counters both increment and decrement, thereby giving a true traffic count. The optional MetorNet Remote Security Monitoring System makes it easy to collect statistics while controlling and monitoring multiple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

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 and ensures that maximum throughput can be maintained in high traffic locations.



EIGHT INDEPENDENT DETECTION ZONES



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

Options & Accessories

REMOTE 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.

DUAL ZONE DISPLAYS: By installing a zone display on both sides of the detector it is possible to see the alarm on the zone no matter what the walking direction.

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

CARRYING BAG: Ideal for transportation and/or storage.

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.

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

ADA COMPLIANT CROSSPIECE: 32 in. crosspieces are available to meet ADA compliance for wheelchair accessibility.

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 255 Metor Walk-Through Metal Detectors and generates easy-to-read reports. It allows detector security levels to be changed from a central PC.



ONE COMPANY - TOTAL SECURITY

PEOPLE SCREENING



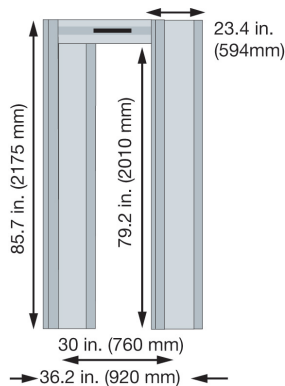
CARRYING BAG

BATTERY BACKUP

REMOTE ZONE DISPLAY UNIT

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.



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), FAA 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 (From +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: included Automatic adjustment, without manual intervention, for power fluctuations over the voltage range of 90 to 264V AC.
Alarm	Audible/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)

APPLICATIONS

Public Buildings	Prisons, Visitor Screening	Power Plants	Loss Prevention
Office Buildings	Hospitals	Stadiums	Airports, Seaports
Hotels	Restaurants	Casinos	Discotheques

ISO 9001:2000 Certified

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

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