

Metor 250

Walk-Through Metal Detector

Rapiscan[®] systems

An OSI Systems Company

PEOPLE SCREENING

Preset Detection Programs

Remote Control Unit

Zone Display

Unique Multi-Zone Principle

UNIQUE MULTI-ZONE TECHNOLOGY

The **Metor 250** walk-through metal detector uses a unique coil system that guarantees uniform first-rate detection performance throughout the frame opening. This multi-zone technology provides excellent discrimination and a much lower false alarm rate than with conventional metal detectors. This results in a much higher throughput rate.

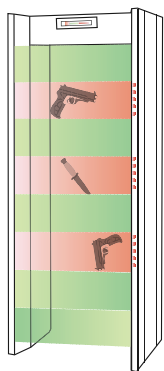
MULTI-ZONE DISPLAY

The **Metor 250** has a vertical lightbar that provides a visual display that pinpoints the area(s) of alarm.

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 harmless objects do not combine to produce unnecessary alarms.
- Provides more uniform detection.
- Zone display illuminates at the level where a detection occurs.



AUTOMATIC SENSITIVITY SELECTION

An automatic sensitivity program selects the correct sensitivity for a specific weapon or test object, eliminating the time consuming trial and error method.

SELF-DIAGNOSTICS

The **Metor 250** provides comprehensive self-diagnostics that continuously monitors the detector's internal circuitry, external connections, and environment.

CONTINUOUSLY ACTIVE

The **Metor 250's** detection circuitry is continuously active. At no time is it possible to toss, pass, or slide a weapon through the system without detection.

MOBILITY

The unit can be easily moved to different locations.

REMOTE CONTROL UNIT

The remote control unit can be removed from inside the crosspiece for easy programming of the unit.

SECURITY

The remote control unit uses password protection to eliminate any unauthorized access to the programming.

SOFTWARE

Preset detection programs as specified by various security organizations as well as programs designed to detect specific metals are built into the software to provide a wide array of detection capabilities.

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.

INTELLIGENT TRAFFIC

COUNTERS: The intelligent traffic counter that increases the count in one direction and decreases the count in the opposite direction. The desired direction can be selected and the number of passengers, alarms and alarm percentage can be displayed.

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.

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

ADA COMPLIANT CROSSPIECE:

32-inch (810 mm) ADA compliant crosspieces and 28-inch (708 mm) enhanced sensitivity crosspieces. *Optional crosspiece sizes are available at no additional cost when specified at the time of order.*

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.



ONE COMPANY - TOTAL SECURITY

PEOPLE SCREENING

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ISO 9001:2000 Certified



CARRYING BAG

BATTERY BACKUP

WHEEL KITS

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.

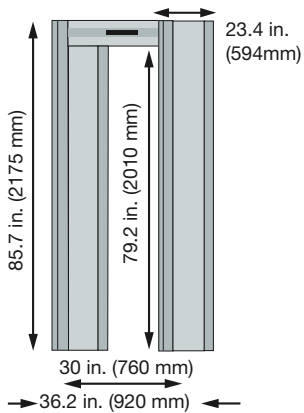
CE Compliant Yes

SPECIFICATIONS

Ambient Operating Temperature	From -10 °C to +55 °C (From +14 °F to +131 °F)
Humidity	0 to 95%, no condensation
Protection	IP 20 (EN 60529)
Power Supply	Mains: 90-264V AC/45-65Hz Battery: 24-35V DC Consumption: 45W Fuse: TIA 5x20 mm Power cord length: 2.5 m (8.2 ft).
Alarm	Audible/visible alarm. Alphanumeric display and Zone Display. Relay contact for remote alarm (SPDT)
Sensitivity	100 sensitivity steps in each program. 8 separate horizontal zones with independently adjustable sensitivity from 0-255%.
Calibration	Automatic or manually set.
Interference Suppression	Digital filtering by signal processor. Several operating frequencies to suppress local electrical noise.
Warranty	Two (2) years, parts and labor
Network Connections	MeteorNet Remote Security Monitoring System compatible (RS422 and Ethernet)
Shipping Weight & Volume	Total: shipping weight: 75.5 kg (166.4 lbs) shipping volume: .47 m3 (16.5 cu ft) Net Weight: 58.8 kg (129.6 lbs) Coils: shipping weight: 55.5 kg (122.4 lbs) shipping volume: .35 m3 (12.37 cu ft) Cross bars + electronics: shipping weight: 20 kg (44.1 lbs) shipping volume: .12m3 (4.2 cu ft)

APPLICATIONS

Airports	Prisons	Courthouses	Entertainment Venues
Financial Institutions	Manufacturing Facilities	Loss Prevention	Hospitals
Power Plants			



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.

distributor stamp