

# Metor 250



## Walk-Through Metal Detector

### 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.

##### 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

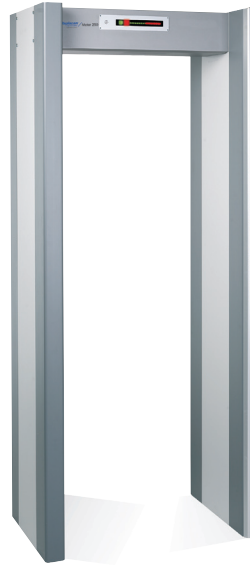
The remote control unit can be removed from inside the crosspiece for easy programming of the unit.

##### SECURITY

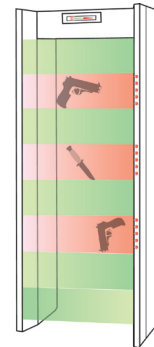
The remote control unit uses password protection to eliminate any unauthorized access to the programming.

##### 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.



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



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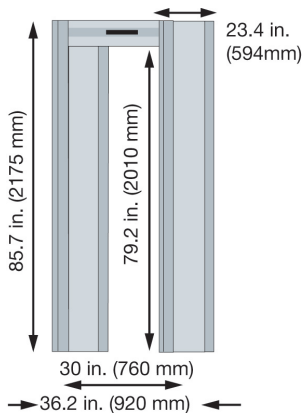
## Walk-Through Metal Detector

### OPTIONAL ACCESSORIES

### PEOPLE SCREENING

#### CUSTOMER SUPPORT

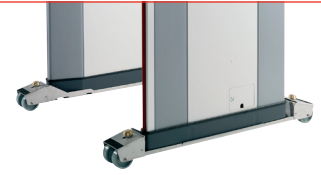
Our team is dedicated to providing a prompt, effective and personalized response that exceeds your expectations. With spare parts inventory and skilled technicians all over the world, you can be certain Rapiscan Systems will always be prepared with a solution to address your requirements. By measuring 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**



**BATTERY BACKUP**



**WHEEL KITS**

**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), FAA approved. 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>	0 to 95%, no condensation
<b>Protection</b>	IP 20 (EN 60529)
<b>Power Supply</b>	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).
<b>Alarm</b>	Audible/visible alarm. Alphanumeric display and Zone Display. Relay contact for remote alarm (SPDT)
<b>Sensitivity</b>	100 sensitivity steps in each program. 8 separate horizontal zones with independently adjustable sensitivity from 0-255%.
<b>Calibration</b>	Automatic or manually set.
<b>Interference Suppression</b>	Digital filtering by signal processor. Several operating frequencies to suppress local electrical noise.
<b>Warranty</b>	Two (2) years, parts and labor
<b>Network Connections</b>	MetorNet Remote Security Monitoring System compatible (RS422 and Ethernet)

#### APPLICATIONS

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

9150081-5 ISO 9001:2000 Certified

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



**SCANNA MSC Ltd**

**223 Regent Street, London W1B 2EB, UK**

**Tel: +44 (0) 207 355 3555**

**Fax: +44 (0) 207 355 3556**

**www.scanna-msc.com**