

Metor 300

Rapiscan
systems

An OSI Systems Company

PEOPLE SCREENING

Enhanced Multi-Zone Principle

Excellent Detection and Immunity

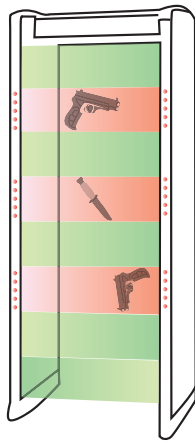
Innovative User-Interface

Appealing Design

The **Metor 300** comprises modern technology and innovation and its appealing design adapts to even the most demanding environments.

The **Metor 300** is a second generation true multi-zone metal detector with new advanced features. It offers superior performance for demanding high security applications. The **Metor 300** utilizes an intelligent 8Z8F architecture that includes an overlapping new multi-zone coil system, combining the unique true multi-zone features with frequency distribution technology. This offers a state-of-the-art performance in metal detection and enables unbeatable detection uniformity for metal threat objects regardless of their shape and orientation. The operating frequency distribution eliminates electromagnetic interference present at installation environments today. Together with effective digital signal processing it offers excellent interference immunity.

Superior discrimination due to eight independent detection zones. Multiple threat objects are independently detected in different zones and therefore signals from harmless distributed objects do not combine to produce unnecessary alarms. Independent detection zones make it possible to freely adjust each zone to meet your security needs. Overlapping zones ensure uniform detection that guarantees reliable detection of threat items regardless of object(s) orientation.



All parameters are set through a bi-directional remote control unit that enables the copying of the parameters from one unit to other units. This control unit, unique only to Metor products makes it fast and easy to program several detectors. The menu structure resembles that used in mobile phones and is therefore already familiar to many users. Help texts in the menu further facilitate the operations. The user interface has two user levels: USER and SUPERUSER. The **Metor 300** has a memory bank, making it possible to store customer specific parameter settings.

The **Metor 300** is equipped with two integrated zone displays. These identify 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.

The other side of the **Metor 300** is equipped with traffic lights (green and red) indicating when the passenger can pass through the gate.

The **Metor 300** display unit can be mounted on all four sides of the detector. This improves flexibility in installation and when operating the unit. The display unit has a 2x20 character alphanumeric display. It gives information on how to operate the unit, and also functions as a signal level indicator. Both sides of the display unit have LED bars showing the zone display indication. This increases the visibility of the zone display information. The **Metor 300** display unit can be provided with a keypad.

DETECTION PROGRAMS

The **Metor 300** walk-through metal detector includes many preset weapon specific detection programs according to the requirements set by internationally recognized authorities. When developing new detection programs we use electromagnetic responses from real guns and knives. This enables us to develop detection programs reflecting real-life threats.

ENHANCED SECURITY

To guarantee tamperproof and continuous operation, the switches, cables and connectors in the **Metor 300** are built-in, and the remote control unit can be locked inside the crosspiece or kept in the possession of authorized persons only. The remote control unit operation is secured with passwords and a code hopping encryption algorithm to prevent unauthorized access to the detector's parameters. The On/Off switches can be accessed with or without a key.

STATISTICS

Intelligent traffic and alarms counters calculate the traffic flow and resultant alarms. The counters both increment and decrement, thereby giving a true traffic count.

ACCESSORIES

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

MetorNet 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.

TEST PIECES: To assist in calibration and testing.



ONE COMPANY - TOTAL SECURITY

PEOPLE SCREENING

FINLAND

Nihtisillankuja 5, P.O. Box 174
FIN-02631 Espoo
FINLAND
Tel: +358 9 32941500
Fax: +358 9 32941302

USA - NEW JERSEY

250 Phillips Blvd.
Ewing, New Jersey 08618
UNITED STATES OF AMERICA
Tel: +1 609-406-9000
Fax: +1 609-530-0842
Toll Free: 1-866-638-6739

ASIA PACIFIC

240 Macpherson Road
#06-04 Pines Industrial Building
Singapore 348574
SINGAPORE
Tel: +65-6743-9892
Fax: +65-6743-9885 / 6743-9915

UNITED KINGDOM

Unit B1 The Fleming Centre
Fleming Way, Crawley
West Sussex RH10 9NN
ENGLAND
Tel: +44 (0) 1293-540661
Fax: +44 (0) 1293-550275

USA - CALIFORNIA

3232 W. El Segundo Blvd.
Hawthorne, California 90250
UNITED STATES OF AMERICA
Tel: +1 310-978-1457
Fax: +1 310-349-2491
E-mail: sales@rapiscansystems.com



CONFORMITY

| | |
|-------------------------------|---|
| Safety Standards | The Metor 300 meets with the limits set by international standards for human safety. 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 41 (EN 60529) |
| Power Supply | AC Power: 90-264VAC/47-63Hz Battery: 12V DC Consumption: 72W Fuse: T2A 5x20 mm Power cord length: 2.5 m (8.2 ft) Automatic adjustment, without manual intervention, for power fluctuations over the voltage range of 90 to 264V AC. |
| Alarm | Audible/visible alarm. 2 x 20 character alphanumeric display and Zone Display. Alarm relay contact. |
| Alarm Time | Adjustable |
| Sensitivity | 100 sensitivity steps in each program. |
| Zone Sensitivity Adjustment | All eight independent 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. |
| Interference Suppression | Intelligent 8Z8F architecture. Digital filtering. User selectable operating frequencies |
| Warranty | Two (2) years, parts and labor |
| Self-Testing Diagnostics | User-friendly diagnostics identify fault condition. |
| Maintenance | Low maintenance costs due to self-testing diagnostics, easy access and modular electronics. |
| Network Connections | MetorNet Remote Security Monitoring System compatible (RS422 and Ethernet) |
| Shipping Weight & Volume | Total: shipping weight: 94.2 kg (207.7 lbs) shipping volume: 0.51 m3 (18.02 cu ft) Net Weight: 75.8 kg (167.1 lbs) Coils: shipping weight: 73.8 kg (162.7 lbs) shipping volume: .40 m3 (14.13 cu ft) Cross bars + electronics: shipping weight: 20.4 kg (44.9 lbs) shipping volume: 0.11m3 (3.87 cu ft) |

The **Metor 300** has received the world's first environmental certificate for walk-through metal detectors.

APPLICATIONS

| | | | |
|----------|------------------|-------------|----------------|
| Airports | Public Buildings | Courthouses | VIP Protection |
|----------|------------------|-------------|----------------|

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 centric philosophy to ensure continual improvement of our products and services.

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

distributor stamp