Metor 300 Portable

Walk-Through Metal Detector

Rapiscan® systems

An OSI Systems Company

PEOPLE SCREENING

Lightweight - Easily Transported

Multi-Zone

Assemble/Disassemble in Five Minutes - No Tools Required

Fully Weatherproof - IP 55 Rated

The **Metor 300 Portable** is a versatile, state-of-the-art metal detector that combines advanced metal detection technology with an appealing, but practical design. The Metor 300 Portable is an excellent choice for both permanent and temporary installations depending on your application.

SECURITY FOR LARGE CROWDS
Due to enhanced discrimination features, the Metor 300 Portable is well suited for fast one-time security screening of large groups of people. To assist security personnel in locating threat objects accurately and consistently, the Metor 300 Portable is equipped with two zone displays.

WIDE RANGE OF APPLICATIONS
The Metor 300 Portable combines a high performance metal detector with compact and durable mechanics as well as a stylish appearance that is is suitable for even the most architecturally demanding environments. An IP55 protection class makes the Metor 300 Portable ideal for outdoor use.

MOBILE SECURITY
The mechanics of the Metor 300 Portable are specifically designed to endure multiple installations in various locations. The unit is simple to install and can be set up by one person in five minutes. Due to its compact structure and light weight design, the Metor 300 Portable can easily be transported from location to location without any tools for set up or dismantle. As an extra benefit for temporary applications, the unit can be transported while fully assembled.

USER FRIENDLY
The Metor 300 Portable has a menu-based user interface that enables fast and easy programming. The user can calibrate the unit using pre-set detection programs and automated frequency / sensitivity adjustments or operate the unit with pre-defined calibration that is saved in the unit's memory.

As a safety feature, the Metor 300 Portable incorporates a calibration guard that monitors parameter settings. In addition, the unit's cables and connectors are locked inside the crosspiece. The Metor 300 Portable is equipped with a power guard that alarms when the unit loses power, (i.e. if the power cord becomes disconnected).

TROUBLE-FREE OPERATION
With its immunity to electromagnetic interference and vibration, the Metor 300 Portable is easy to install in the most demanding environments. Several units can be placed in close proximity to one another, increasing the level of flexibility when planning an installation site.

TRUE TRAFFIC COUNTERS
The Metor 300 Portable features intelligent traffic and alarm counters that calculate traffic flow and resultant alarms. Counters are integrated inside the zone display, counting both increment and decrement, thereby giving a true traffic count.

Options & Accessories

BATTERY BACKUP SYSTEM: Up to 8 hours of runtime when no power is available.

REMOTE CONTROL UNIT: A bi-directional remote control unit enables easy programming as well as copying of the parameters from one unit to other units. This control unit, unique only to the Metor brand of walk-through metal detectors, makes programming several detectors fast and easy. The operation of the control unit is secured with passwords and a code-hopping encryption algorithm to prevent unauthorized access.

INTEGRATED TRAFFIC LIGHTS: The Metor 300 Portable can be equipped with clearly marked traffic lights on the crosspiece to optimize the traffic flow and speed up the throughput rate.

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

STABILIZERS: Installation aid for applications with uneven surfaces.

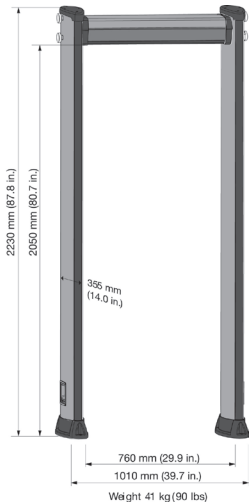**TEST PIECES:** To assist in calibration and testing.

METORNET 3 PRO: A Remote Security Management System that collects the statistics on traffic flow and alarm data of up to 255 Metor walk-through metal detectors and generates easy-to-read reports. It

ONE COMPANY - TOTAL SECURITY

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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.

2230 mm (87.8 in.)
2050 mm (80.7 in.)
355 mm (14.0 in.)
760 mm (29.9 in.)
1010 mm (39.7 in.)
Weight 41 kg (90 lbs)

SAFETY Act Certified

ISO 9001:2000 Certified

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

M300P-002

SAFETY

The Metor 300 Portable meets the requirements set by international standards for human safety to electromagnetic fields. It is safe for all people including pregnant women. The Metor 300 Portable is also safe for people using medical implanted devices like heart pacemakers. The Metor 300 Portable does not have detrimental effects on magnetic recording material.

CONFORMITY

Safety Standards	Confirms to the applicable international standards for electrical safety and EMC.

SPECIFICATIONS

Ambient Operating Temperature	From -10 °C to +55 °C (From +14 °F to +131 °F)
Humidity	0 to 100% RH
Protection	IP 55 (EN 60529)
Power Supply	AC Power: 100-240 VAC/50-60 Hz AC Power, max: 90 - 264 VAC Battery (optional): 12 VDC Consumption, max: 65 W (AC), 50 W (DC) Power cord length: 4.2 m (13.8 ft) Automatic adjustment, without manual intervention, for power fluctuations over the voltage range of 90 to 264 VAC.
Alarm	Adjustable audible and visual alarm. 2 x 20 character alphanumeric display and zone display. Alarm relay contact.
Alarm Time	Adjustable
Sensitivity	100 sensitivity steps in each program. Separate floor level sensitivity adjustment.
Calibration	Automatic Sensitivity Calibration for overall sensitivity and Automatic Floor Sensitivity Calibration or manual sensitivity setting. 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	Digital filtering. Multiple operation frequencies. Automatic Frequency Search.
Power Guard	Monitors the input power giving a warning when the unit loses power.
Calibration Guard	Monitors calibration parameters and gives a warning when any of the saved calibration parameter values are changed.
Self-Testing Diagnostics	User-friendly diagnostics identify fault condition.
Network Connections	MetorNet Remote Security Monitoring System compatible
Warranty	Two (2) years, parts and labor
Shipping Weight & Volume	Total: shipping weight: 62 kg (136.7 lbs) shipping volume: 0.36 m3 (12.7 cu ft) Net Weight: 41 kg (90 lbs) Coils: shipping weight: 48 kg (105.8 lbs) shipping volume: 0.29 m3 (10.2 cu ft) Cross bars + electronics: shipping weight: 14 kg (30.9 lbs) shipping volume: 0.07 m3 (2.5 cu ft)

APPLICATIONS

Courthouses	Public and Federal Buildings	Prisons (Visitor Screening)
Events	Seaports and Cruise Ships	VIP Protection

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