

# 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 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.

#### TRANSPORTATION CASE

**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 allows detector security levels to be changed from a central PC.

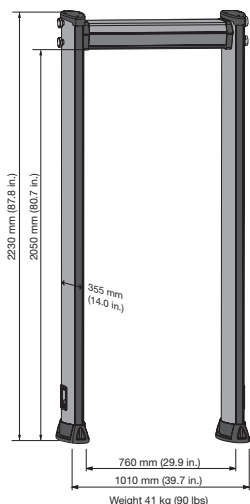




#### PEOPLE SCREENING

##### 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.



**SAFETY Act Certified**



**ISO 9001:2000 Certified**

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

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	
<b>Safety Standards</b>	Confirms to the applicable international standards for electrical safety and EMC.
SPECIFICATIONS	
<b>Ambient Operating Temperature</b>	From -10 °C to +55 °C (From +14 °F to +131 °F)
<b>Humidity</b>	0 to 100% RH
<b>Protection</b>	IP 55 (EN 60529)
<b>Power Supply</b>	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.
<b>Alarm</b>	Adjustable audible and visual alarm. 2 x 20 character alphanumeric display and zone display. Alarm relay contact.
<b>Alarm Time</b>	Adjustable
<b>Sensitivity</b>	100 sensitivity steps in each program. Separate floor level sensitivity adjustment.
<b>Calibration</b>	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.
<b>Interference Suppression</b>	Digital filtering. Multiple operation frequencies. Automatic Frequency Search.
<b>Power Guard</b>	Monitors the input power giving a warning when the unit loses power.
<b>Calibration Guard</b>	Monitors calibration parameters and gives a warning when any of the saved calibration parameter values are changed.
<b>Self-Testing Diagnostics</b>	User-friendly diagnostics identify fault condition.
<b>Network Connections</b>	MetorNet Remote Security Monitoring System compatible
<b>Warranty</b>	Two (2) years, parts and labor
<b>Shipping Weight &amp; Volume</b>	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

[www.rapiscansystems.com](http://www.rapiscansystems.com) • [sales@rapiscansystems.com](mailto:sales@rapiscansystems.com)

#### AMERICAS, CARIBBEAN

2805 Columbia Street  
Torrance, California 90503  
UNITED STATES OF AMERICA  
Tel: +1 310-978-1457  
Fax: +1 310-349-2491

#### EUROPE, MIDDLE EAST, AFRICA

X-Ray House  
Bonehurst Road  
Salfords  
Surrey RH1 5GG  
UNITED KINGDOM  
Tel: +44 (0) 870-7774301  
Fax: +44 (0) 870-7774302

#### ASIA

240 Macpherson Road  
#07-03 Pines Industrial Building  
Singapore 348574  
SINGAPORE  
Tel: +65-6743-9913  
Fax: +65-6743-9915

#### AUSTRALIA

Rapiscan House  
4 Ross Street  
South Melbourne Victoria  
Australia 3205  
AUSTRALIA  
Tel: +61 3 9929 4600  
Fax: +61 3 9929 4655