

# METOR 6WP

Uncompromised detection for fast security screening of large groups of people.

IP65 - Fully Weatherproof

Lightweight and Robust Multi-Zone

Assemble/Disassemble in Five Minutes - No Tools Required

Uncompromised Detection Capability



The Metor 6WP is a versatile, state-of-the-art metal detector that combines advanced metal detection technology with an appealing, but practical design. The Metor 6WP is an excellent choice for temporary and permanent installations depending on your application.

## Security for Large Crowds

Due to enhanced discrimination features, the Metor 6WP is well suited for fast security screening of large groups of people. To assist security personnel in locating threat objects accurately and consistently, the Metor 6WP is equipped with two zone displays.

## Wide Range of Applications

The Metor 6WP 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 IP65 protection class makes the Metor 6WP ideal for outdoor use.

## Mobile Security

The mechanics of the Metor 6WP 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 6WP 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. The Metor 6WP comes with ground stabilizers standard and optional carrying cases.

## User Friendly

The Metor 6WP 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 6WP incorporates a calibration guard that monitors parameter settings. In addition, the unit's cables and connectors are locked inside the crosspiece. The Metor 6WP is equipped with a power guard that alarms when the unit loses power, (e.g., if the power cord becomes disconnected).

## Trouble-Free Operation

With its immunity to electromagnetic interference and vibration, the Metor 6WP 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 6WP 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.

## Markets

- Customs and Border Control
- Defense
- Event Security
  - VIP Protection
- Commercial
  - Entertainment Facilities

**Rapiscan**<sup>®</sup>  
systems  
An OSI Systems Company

# METOR 6WP

## Conformity

**Safety Standards** The Metor 6WP 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** Conforms to the applicable international standards for electrical safety and EMC.

## Specifications

<b>Ambient Operating Temperature</b>	From -20° C to + 60° C (From -4° F to +140° F)
<b>Humidity</b>	0 to 100% RH
<b>Protection</b>	IP65 (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 horizontal zones with independently adjustable sensitivity from 0-200%.
<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 (Ethernet)
<b>Warranty</b>	Two (2) years, parts
<b>Shipping Weight &amp; Volume</b>	Total: shipping weight: 67 kg (147.7 lbs) shipping volume: 0.36 m <sup>3</sup> (12.7 cu ft) Net Weight: 41 kg (90 lbs) Coils: shipping weight: 48 kg (105.8 lbs) shipping volume: 0.29 m <sup>3</sup> (10.2 cu ft) Cross bars + electronics: shipping weight: 14 kg (30.9 lbs) shipping volume: 0.07 m <sup>3</sup> (2.5 cu ft)

## Options and Accessories

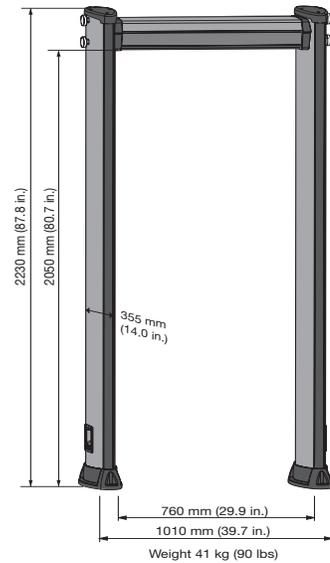
**Battery Backup:** Up to 8 hours of runtime when no power is available.

**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 6WP 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.

**MetorNet 3 Pro Web:** 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.



With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice. Product pictures are for general reference. Please note that due to US laws and regulations, not all Rapiscan products are available for sale in all countries without restriction. Please contact your Rapiscan Systems sales representative for more information.

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