

# Metor 6WP

## FREQUENTLY ASKED QUESTIONS



### What are key features of the Metor 6WP?

- Easy to transport due to its lightweight and compact design
- Increased robustness - endures repeated assembly/disassembly and transportation fully assembled
- Takes 5-minutes to assemble/disassemble
- Fully weatherproof: as IP65 rated suited for the most stringent outdoor weather conditions
- Excellent detection capabilities
- Location function (zone display)

### What type of security applications does the Metor 6WP address?

The Metor 6WP is a simple, trusted, and versatile security solution for both temporary and permanent security needs indoors and outdoors. Typical temporary applications are VIP protection, conferences and public events, etc. Permanent application areas include visitor screening and security of public (ministries, embassies, court-houses, corrections departments, etc.) and private (nightclubs, restaurants, hotels, casinos, etc.) facilities.

### Is the Metor 6WP able to be used in a permanent installation?

Yes, the Metor 6WP can be permanently installed, where traditional panel-type metal detectors cannot, due to space restrictions or aesthetic aspects.

### How is the Metor 6WP affected by the elements?

The Metor 6WP is a fully weather proof unit suitable for outside use regardless of the elements, in temperatures ranging from +4 °F to +140 °F/-20 °C to +60 °C. There is no need to cover the unit from the elements.

### What kind of environment can the Metor 6WP be used in?

As an IP65 classified unit, the Metor 6WP can be used both indoors and outdoors.

### What is the difference between IP55 and IP65 rating?

IP rating defines the protection class of the unit. The first digit tells the protection against solid objects, the second digit tells the protections against liquids.

- IP5x tells that the unit is protected from ingress of harmful amount of dust.
- IP6x tells that the unit is completely protected against ingress of dust.
- IPx5 indicates that the unit is protected against powerful jets of water.

### What does the metal detector weigh?

The Metor 6WP weighs 90 lbs/41 kg.

### What kind of transportation case is available for the Metor 6WP?

Optional carrying bags are available for the Metor 6WP.

## METOR 6WP FAQs

### Are wheel kits available for purchase with the Metor 6WP?

No, wheel kits are not included in the Metor 6WP options/accessories list.

### How long does it take to assemble and disassemble the metal detector?

The Metor 6WP is fast and easy to assemble and disassemble: it takes between 5 and 10 minutes for one person to set up and/or take apart the unit.

### Does set up require any tools?

No, setting up the Metor 6WP does not need any special tools as the unit comes with easy-to-use finger screws.

### Can the Metor 6WP be moved from location to location while assembled?

Yes, the Metor 6WP can be transported while fully assembled. To protect the unit during transportation, the coil panels are equipped with shock absorbing rubber covers on coil boots and hats.

### What type of electrical outlet is needed?

A standard electrical outlet is all that is required with the Metor 6WP.

### What is the external power source?

The Metor 6WP is equipped with an external AC power source with wide input voltage range. The power source is placed outside the unit on the floor. In case the power needs to be taken from the top, the power source can be placed on top of the crosspiece (100-240 VAC/50-60 Hz AC Power, max: 90 - 264 VAC). In order to prevent tampering with power source, the unit is equipped with a Power Guard function that gives both audible and visual alarm when power is lost.

### Why was the unit designed with an external power source?

There are several reasons for this:

- Space limitations in crosspiece
- Simplified electrical safety concerns (12 V unit)
- Improved immunity
- Improved stability

### Is the external power source weatherproof?

Yes, the external power source is weatherproof (IP67 rated).

### How many frequencies are available?

The Metor 6WP has 10 operating frequencies. All frequencies are suitable for side-by-side use.

### How close can the Metor 6WP be placed to another walk through metal detector without interference or cross talk?

The recommended minimum distance for side-by-side use of several Metor 6WP units is 30 cm (12"). The minimum distance depends on the surrounding environment as well as used detection settings.

## METOR 6WP FAQs

### Can the unit be used in conjunction with an X-Ray?

Yes, the Metor 6WP can be used in conjunction with an X-ray. The recommended minimum distance is 20 cm, when installed next to lead shielding of the X-ray unit. Also, it is strongly recommended that the receiver panel is installed further away from the X-ray.

### How does the Metor 6WP work with interference?

The Metor 6WP has excellent immunity against electromagnetic interference as well as other interference sources. This is due to its coil design as well as carefully selected operation frequencies together with digital filtering.

### How many zones does the Metor 6WP have? And how many of these zones are adjustable?

The Metor 6WP has a zone display that consists of twenty (20) individual vertical light segments, which can be lit separately to indicate the position of the detected item(s). Zone display is separate from detection coils. What comes into detection, there is a separate overall and floor sensitivity adjustment.

### How is the detection on the Metor 6WP?

The Metor 6WP is a state-of-the-art metal detector designed to detect handguns either complete or dismantled.

### Does the unit come pre-programmed with programs that fulfill international security standards?

The Metor 6WP has as a standard several detection programs. Programs are based on threat items defined by international standards.

### How many detections programs are available?

At this stage the Metor 6WP is delivered with 12 different detection programs. The programs can be divided into three main groups:

1. General purpose detection programs,
2. International security programs,
3. Material selective programs.

### Can more than one Metor 6WP be linked with MetorNet?

Yes, MetorNet enables networking over Ethernet of up to 255 Metor 6WP units.

### Can the Metor 6WP be linked with other Metor metal detectors using MetorNet?

Yes, the Metor 6WP can be networked with any Metor walk through metal detector using MetorNet.

### Warranty?

The Metor 6WP comes with the standard Rapiscan Systems 2-year warranty on parts.

## METOR 6WP FAQ'S

### How many Metor 6WP Metal Detectors can be shipped in one container?

A 40 ft container fits 112 Metor 6WP units.

A 20 ft container fits 56 Metor 6WP units.

### What options are available with the Metor 6WP?

The Metor 6WP is available with the following options:

- Battery back-up system to ensure min. 8-hours runtime after mains power failure
- Wireless remote control unit to enable easy programming
- Integrated traffic lights
- ADA compliant 32" crosspiece
- Stabilizers for uneven surface and mobile applications (standard stabilizing plates come with every unit)
- Carrying bags
- Test pieces to assist in calibration and testing
- MetorNet Remote Security Management System for networking over Ethernet

### Battery-back up?

The Metor 6WP is available with optional battery back-up that provides minimum 8-hour runtime when no power is available.

### Does the Metor 6WP come with or can it be equipped with a remote control unit?

A wireless remote control unit is an option for the Metor 6WP.

### Is the unit pass code protected? If yes, how many user levels are available?

Metor 6WP has fully configurable user access rights. This allows different type of users to have access to all or only some specific functions.

There are 8 configurable user groups (user levels) that can have individual access rights. Only the "Super User" group is fixed. There can be a total of 99 different users with individual passwords. Each user belongs to one of the 8 configurable user groups or to the Super User group. The pre-configured user groups are Super User, User, Operator.

### Can the volume on the unit be lowered to silent?

The alarm volume can be silenced, but only by a Super User.

### Is the unit available with a 32" crosspiece to meet ADA compliance?

Yes, the Metor 6WP is available with 32" crosspiece to meet ADA requirements.

### Mounting Brackets?

Mounting brackets are not needed. The Metor 6WP is fixed from the fixing holes (located in boots) or using the standard stabilizing plates that come with each unit. Special stabilizers for uneven surfaces and outdoor applications are available as optional accessory.

## METOR 6WP FAQ'S

### How does it compare to Ceia PMD2 Elliptical?

The Metor 6WP is a more versatile and better equipped when compared to Ceia's PMD2 Elliptical. Many of the Metor 6WP new features are not available in the PMD2. Also, the PMD2 standard version is aimed for indoor use only. The accessories for outdoor use are optional. The Metor 6WP has the outdoor capability as standard (see the Metor 6WP / PMD2 comparison matrix).

### How does the Metor 6WP compare to the Fisher M-Scope?

Compared to Fischer M-Scope, the Metor 6WP is a high-end unit with unbeatable performance and features.

### What is a Power Guard?

The Power Guard monitors the input power giving a warning when there is a loss of power.

### What is a Calibration Guard?

The Calibration Guard monitors calibration parameters and gives a warning when any of the saved calibration parameter values are changed.

### Traffic Counters?

The Metor 6WP has traffic counters as a standard feature. Traffic counters are integrated inside the coil panel and are virtually invisible.

### Certifications of Approval

The Metor 6WP has the following third party approvals:

- EMC (Electromagnetic Compatibility) (Nemko)
- Magnetic Field Safety (STUK – Radiation and Nuclear Safety Authority, Finland)
- Electrical Safety (Nemko)
- IP Protection Class IP65 and Vibration (VTT Technical Research Center of Finland)

### Customer Reference List

Will be available at a later date.