METOR 6M

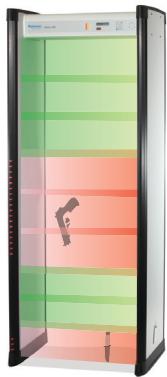Enhanced security features integrated for inspection at checkpoints and access controlled entries.

Versatile Applications

Superior Immunity

Automated and Advanced Features for Enhanced Security

The Metor 6M is a multi-purpose multi-zone walk-through metal detector used primarily for weapons detection. Typical applications include passenger screening at airports and seaports, visitor screening at courthouses, federal buildings and prisons, access control in conferences, public buildings, sporting or other special events, stadiums and concerts, employee and visitor screening in power plants or factories, loss prevention in different industrial applications as well as screening in hotels, restaurants, casinos, and night clubs.

Independent Zones Provide for:

Superior discrimination

Reliable detection of threat items

High traffic throughput

Reliable location of threats

Enhanced Security

The latest features for advanced security are available on the Metor 6M. Calibration guard, power guard and ready-state violation all protect against unwanted tampering to the machine. Fully configurable user levels allow for unprecedented control over who can view and change settings on the Metor 6M.

Enhanced Features for Easier Usability

Automated sensitivity and floor sensitivity functions make the calibration process easy, eliminating the time consuming trial and error method.

Automated frequency function selects the optimum operating frequency for the installation environment or in case of side-by-side use of more than one unit.

Preset Detection Programs – The Metor 6M is delivered with multiple preset detection programs based on international standards, ready to use immediately.

Random Alarm Function

The Metor 6M has a random alarm function that enables security personnel to randomly choose individuals for an additional security check. With the new dual random alarm feature, people who cause a normal alarm are also subject to a random alarm.

Intelligent Traffic Counters for Reliable Statistics

Metor 6M is built with intelligent and virtually invisible traffic counters which are integrated inside the coil panels. Counters are bi-directional with a decrease mode. Alarms, passengers and alarm rates can all be counted.

Easy to Install and Operate

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

Markets

Critical Infrastructure

Customs and Border Control

Defense

Law Enforcement

Courthouses

School Security

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METOR 6M

Conformity

Safety Standards

The Metor 6M 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.

Other Standards

EU Aviation Compliant

Specifications

Ambient Operating Temperature

From -20° C to + 60° C
(From -4° F to +140° F)

Humidity

0 to 95%, no condensation

Protection

IP 55 (EN 60529)

Power Supply

Mains: 90-264V AC/50-60Hz
Battery: 12V DC
Consumption: 50W (AC), 40W (DC)
Fuse: TIA 5x20 mm
Power cord length: 2.5 m (8.2 ft).

Alarm

Audible/visible alarm.
Alphanumeric display and Zone Display. Relay contact for remote alarm (SPDT)

Sensitivity

100 sensitivity steps in each program. Separate horizontal zones with independently adjustable sensitivity from 0-200%.

Calibration

Automatic or manually set.

Interference Suppression

Digital filtering by signal processor. Several operating frequencies to suppress local electrical noise.

Warranty

Two (2) years, parts

Network Connections

MetorNet Remote Security Monitoring System compatible (Ethernet)

Dimensions

Interior: 760 mm (29.9") Width x Interior: 2050 mm (80.7") Height
Exterior: 900 mm (35.4") Width x 2240 mm (88.2") Height x 700 mm (27.6") Depth

Shipping Weight & Volume

Total: shipping weight: 75.5 kg (166.4 lbs)
shipping volume: .47 m³ (16.5 cu ft)
Net Weight: 59 kg (130 lbs)
Coils: shipping weight: 55.5 kg (122.4 lbs)
shipping volume: .35 m³ (12.37 cu ft)
Cross bars + electronics: shipping weight: 20 kg (44.1 lbs)
shipping volume: .12m³ (4.2 cu ft)

900 mm (35.4")
760 mm (29.9")
2240 mm (88.2")
2050 mm (80.7")
700 mm (27.6")

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.

Options and Accessories

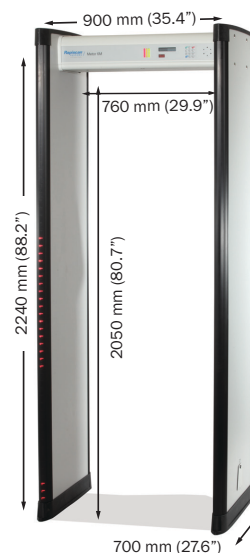Battery Backup: Up to 8 hours of runtime when no power is available.

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.

ADA Compliant Crosspiece: 32 in. crosspieces are available to meet ADA compliance for wheelchair accessibility.

Test Pieces: To assist in calibration and testing.

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.

Traffic Lights: to assist in the smooth flow of people through the machine.

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PERRY JOHNSON REGISTRARS, INC.

MGMT. SYS. RvA C118

UKAS QUALITY MANAGEMENT 105-A

Rapiscan Systems is
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