METOR 6M

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

Versatile Applications

Superior Immunity

Advanced Features for Enhanced Security

Automated Features for Easier Usability

IP55 Protection for Sheltered Outdoor Use

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 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 unit. 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.

Zone display

Accurate 20 segment zone display locates the alarmed item(s) on a person quickly making the screening process effective and improving the throughput

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

Airports

Courts

Hospitals

School Security

Rapiscan® systems
An OSI Systems Company

www.rapiscansystems.com

METOR 6M

90 cm (35 in.)
76 cm (30 in.)
224 cm (88 in.)
205 cm (81 in.)
70 cm (28 in.)

Conformity

Safety Standards	Metor 6M has been tested against and complies with applicable magnetic field standards concerning human exposure and pacemaker safety.
SAFETY ACT	Rapiscan Systems products have been certified by the U.S. Department of Homeland Security for Support Anti-Terrorism by Fostering Effective Technologies (SAFETY) Act of 2002, which provides important benefits to organizations that deploy security technology. For additional information visit www.safetyact.gov.
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 (IEC 60529)
Power Supply	Mains: 90-264 VAC / 50-60 Hz Battery (optional): 12 VDC Consumption, typical: 30 W (AC), 25 W (DC)
Alarm	Audible/visible alarm. Alphanumeric display and Zone Display. Relay contact for remote alarm (SPDT)
Sensitivity	100 sensitivity steps in each program. Separate vertical 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.
Network Connections	MetorNet Remote Security Monitoring System compatible (Ethernet)
Dimensions	Interior: 76 cm (30 in.) Width x Interior: 205 cm (81 in.) Height Exterior: 90 cm (35 in.) Width x 224 cm (88 in.) Height x 70 cm (28 in.) Depth
Weight	63 kg (139 lbs.)
Shipping Weight & Volume	Total: shipping weight: 88 kg (194 lbs) shipping volume: .45 m³ (15.9 cu ft) Coils: shipping weight: 70 kg (154 lbs) shipping volume: .35 m³ (12.4 cu ft) Crosspiece + electronics: shipping weight: 18 kg (40 lbs) shipping volume: .10 m³ (3.5 cu ft)

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: ADA compliance extension available for retrofitting the unit.Test Pieces: To assist in calibration and testing.
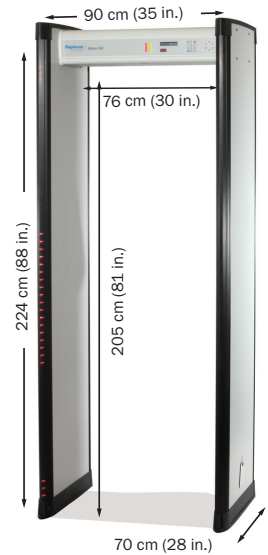
MetorNet 3 Pro Web: A Remote Security Management System that collects the statistics on traffic flow and alarm data of Metor walk-through metal detectors and generates easy-to-read reports.

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

Additional zone displays: can be added to each corner of both panels to enhance visibility, manage the traffic flow and for flexible installation

Remote Display Set: for convenient remote monitoring and operation of the unit

Dolly: for easy relocation of the unit

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ONE COMPANY - TOTAL SECURITY

Rapiscan Systems is
ISO 9001:2008 Certified

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