Metor 6M

Walk-through Metal Detector

PEOPLE SCREENING

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.

Options & Accessories

Battery Backup: Up to 8 hours of runtime when no power is available.
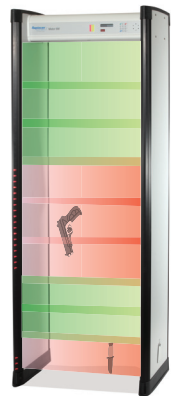
Remote Control Unit: A bi-directional remote control unit enables easy programming as well as copying of the parameters from one unit to other units. This control unit, unique only to the Metor brand of walk-through metal detectors, makes programming several detectors fast and easy. The operation of 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.
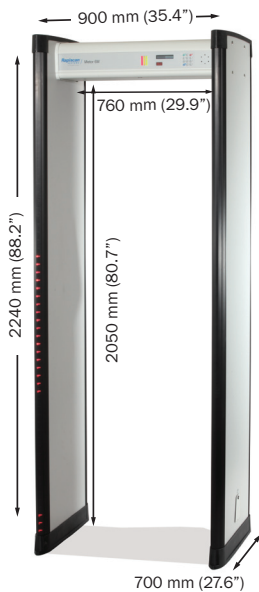
PEOPLE SCREENING

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.

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.

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 and labor
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: 58.8 kg (129.6 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)

Dimensions shown: 900 mm (35.4"), 760 mm (29.9"), 2240 mm (88.2"), 2050 mm (80.7"), 700 mm (27.6")

ISO 9001:2008 Certified

M6M-001

APPLICATIONS			
Airports	Prisons	Courthouses	Entertainment Venues
Financial Institutions	Manufacturing Facilities	Loss Prevention	Hospitals
Power Plants	Stadiums	Casinos	Schools