

Metor 160

Walk-Through Metal Detector

Rapiscan
systems

An OSI Systems Company

PEOPLE SCREENING

High Discrimination

Patented Coil Geometry

Uniform Detection

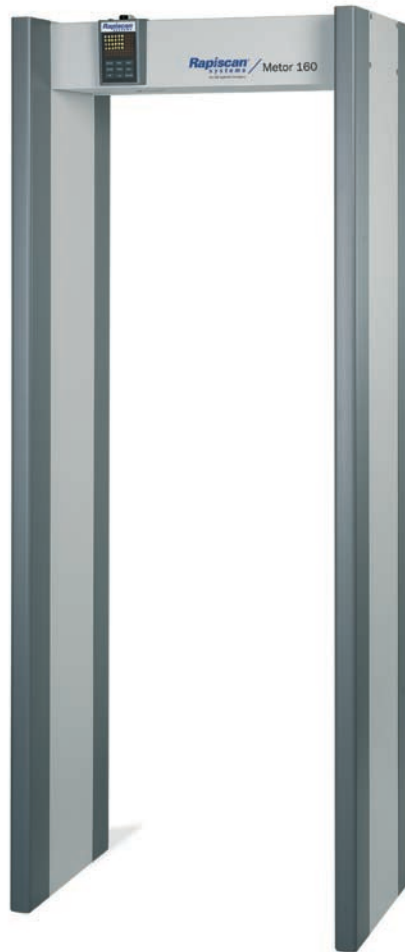
Continuously Active

The **Metor 160** features the operational and performance characteristics that you have come to expect from the Rapiscan Systems Metor brand.

- Improved discrimination of metal objects. (False alarm rate <5% in favorable conditions)
- Improved interference rejection.
- Preset programs to meet the requirements set by leading international security organizations.
- Adjust reset time for optimum passenger flow and minimum alarm time at the gate.
- Uniform detection sensitivity over the entire walk-through area from top to bottom.
- Patented crossed magnetic fields detect all metal objects regardless of orientation in the gate.
- Higher sensitivity with lower false alarm rate accounts for top security plus optimum traffic flow.

ADDITIONAL FEATURES

- 21 programs with 100 sensitivity levels for each program.
- Easy operation with microprocessor technology.
- Self diagnostics continuously monitor operation.
- Auto sensitivity for easy calibration.
- An alarm relay to control external devices.
- Programmable reset time.
- External noise display.
- Low power consumption.
- Power fluctuations from 95 to 250V AC acceptable.



- Adjacent detector identification by variable tones.
- Little or no maintenance.
- Availability of spares.
- Safe for cardiac pacemakers and magnetic recording materials.
- Can be easily moved to different locations.

THE CONTROL UNIT

- Gives full control of all the properties of the detector.
- Gives indication of the relative size of a metal object on the horizontal bar graph.
- Can be located up to 213 feet (65m) away from the gate.
- Has variable access code which allows only authorized persons to make adjustments.

OPTIONS & ACCESSORIES

REMOTE DISPLAY UNIT: Can be placed up to 213 ft (65m) away for remote monitoring with audible and visual alarm indication. Standard length of cable: 25 ft (Contact us for optional lengths.)

BATTERY BACKUP: Internal 4-hour battery backup system for independent operation. *6, 12 and 20-hour backup systems are available upon request.

TRAFFIC COUNTERS: An intelligent traffic counter that increases the count in one direction and decreases the count in the opposite direction. The desired direction can be selected and the number of passengers, alarms and alarm percentage can be displayed.

TEST PIECES: To assist in calibration and testing.

WHEEL KITS: For easy mobility of the metal detector in an upright position.

CARRYING BAG: Ideal for transportation and/or storing.

ADA COMPLIANT CROSSPIECE: 32 in. crosspieces are available to meet ADA compliance for wheelchair accessibility.

METORNET 3 PRO: Remote Security Management System collects the statistics on traffic flows and alarm data of up to 99 Metor walk-through metal detectors and generates easy-to-read reports. It allows detector security levels to be changed from a central PC.



ONE COMPANY - TOTAL SECURITY

OPTIONAL ACCESSORIES

PEOPLE SCREENING

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ISO 9001:2000 Certified



BATTERY BACKUP

WHEEL KITS

TRAFFIC COUNTER

CONFORMITY Rapiscan Systems Meteor brand of walk-through metal detectors conform to the applicable EU directives and meets the requirements of the following standards:

Safety Standards	EN 60950 (Electrical safety)
EMC Standards	EN 50081-1 (Emission), EN 50082-1 (Immunity)
Other Standards	NILECJ-0601, security levels 1-5 (covers the design and performance of walk-through metal detectors), FAA approved and DoT (UK) approved. Safe for wearers of heart pacemakers, pregnant women and magnetic recording materials.

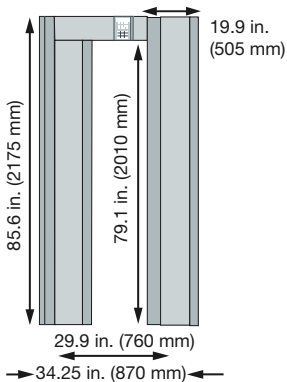
CE Compliant Yes

SPECIFICATIONS

Ambient Operating Temperature	14°F to 131°F (-10°C to +55°C)
Humidity	Up to 95%, no condensation
Protection	IP 20 (IEC 529)
Power Supply	Mains: 95 - 250 V AC 50 or 60 Hz Battery: 20 - 30 V DC Consumption: 35W Fuse: T1A 5x20 mm Power Cord Length: 15 ft
Alarm Indications	Red light alarm. Light column display for relative object size. Adjustable volume and tone for audible alarm.
Fault Indication	Self diagnostics displays the fault code on the display unit.
Remote Alarm	Remote alarm relay (SPDT). Voltage free contact with T2A fuse 5x20 mm. Optional display unit.
Warranty	Two Years
Network Connections	MeteorNet Remote Security Monitoring System compatible (RS422 and Ethernet)
Shipping Weight & Volume	Total: shipping weight: 57.5 kg (126.8 lbs) shipping volume: 0.28 m3 (10 cu ft) Net Weight: 48.4 kg (106.7 lbs) Coils: shipping weight: 42 kg (92.6 lbs) shipping volume: 0.21 m3 (7.6 cu ft) Cross Bars + Electronics: shipping weight: 15.9kg (35.1 lbs) shipping volume: 0.07m3 (2.4 cu ft)

APPLICATIONS

Airports, Seaports	Banks	Public Buildings	Industry
Prisons	Stadiums	Hospitals	Power Plants
Hotels	Restaurants	Casinos	Discotheques



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www.rapiscansystems.com

CUSTOMER SUPPORT SERVICES: 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.

With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice.

distributor stamp

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