

# METOR 150

Cost effective walk-through metal detector with easy to use robust features.

Patented Coil Geometry

Easy to Install & Operate

Precise Detection

Cost Effective Solution



The Metor 150 walk-through metal detector has our world renowned, patented coil geometry, offering high throughput with fewer unnecessary alarms. Targeted objects, such as guns and knives, are consistently and accurately detected, while personal items such as keys, coins, belt buckles and eyeglasses can pass through without causing an alarm.

## Programs

21 detection programs designed to meet International Security Standards and to detect specific metals.

## Sensitivity

100 sensitivity steps in each program for precision detection of target objects.

## Calibration

Automatic or manual calibration, initial and periodic calibration is not necessary.

## Throughput Rate

Capable of a minimum of 50 persons per minute, not limited by the Digital Signal Processing.

## Interference Rejection

Superior immunity to external electrical interference, such as X-ray machines, computer or CCTV monitors.

The Metor 150's uniform detection field is unique and state of the art. The Metor 150 will find threat objects regardless of their orientation. Because the unit is continuously active, at no time it is possible to

toss, pass or slide a weapon through without detection. The Metor 150 is lightweight, portable, and easy to install. Set-up can be completed by one person in less than 15 minutes.

The Metor 150 was designed to provide an affordable and reliable solution to meet your security requirements.

## Features

Uniform detection field throughout the archway.

Complete detection regardless of object(s) orientation.

User friendly control unit integrated into the crosspiece.

Access code protected to prevent tampering with settings.

Automatic sensitivity calibration for quick and easy set-up.

Multiple unit operation in close proximity without synchronization cables.

Continuously active.

## Markets

Critical Infrastructure  
Commercial  
Entertainment Facilities  
School Security

**Rapiscan**<sup>®</sup>  
systems

An OSI Systems Company

# METOR 150

## Conformity

### Safety Standards

Complies with Federal Aviation Administration Three-gun test, NILECJ 0601.00 levels 1-5 and currently applicable EU directives, International standards on electrical safety and EMC. No Rapiscan Systems Metor products will erase, alter, or damage magnetic storage media including credit cards, computer floppy disks, tapes, or IC's. The effects from the operation of the electronics and the low intensity magnetic fields of Rapiscan Systems Metor line of walk-through metal detectors are harmless to people with pacemakers, pregnant women, the operator, and general pedestrian traffic.



Conforms to the applicable international standards for electrical safety and EMC.

## Specifications

### Alarm Indication

Adjustable volume and tone for audible alarm indication. Visual alarm indication using red LED's and a horizontal bar graph that indicates the relative object size.

### Volume & Tone

10 volume levels and 3 operator selectable tones available to distinguish alarms from adjacent units.

### Frequencies

10 operating frequencies for multiple unit operation.

### Object Speed Compensation

Adjustable object speed response eliminates the need to increase sensitivity in order to compensate for faster or slower object speeds. The object speed compensation is from 0.2 feet/second to 28 feet/second.

### Self-diagnostics

Comprehensive self-diagnostics that constantly monitor the detector's internal circuitry, external connections and environment.

### Memory

Parameters stored in non-volatile RAM, no settings are lost due to a power failure or turning off the unit.

### Construction

Constructed of heavy duty laminate with stainless steel trim and a steel crosspiece for an extremely durable and mar resistant finish.

### Protection

IP 20 (EN 60529) rated.

### Electrical Power

90-264 VAC, 45-65 Hertz or 24-35 VDC, current draw is less than 1 Amp, consumption is 35 Watts.

### Temperature Range

14 F to 131 F (-10 C to 55 C).

### Humidity Range

0-95 % without condensation.

### Warranty

Two (2) years, parts

### Net Weight

45.7 kg (100.9 lbs)

### Shipping Weight & Volume

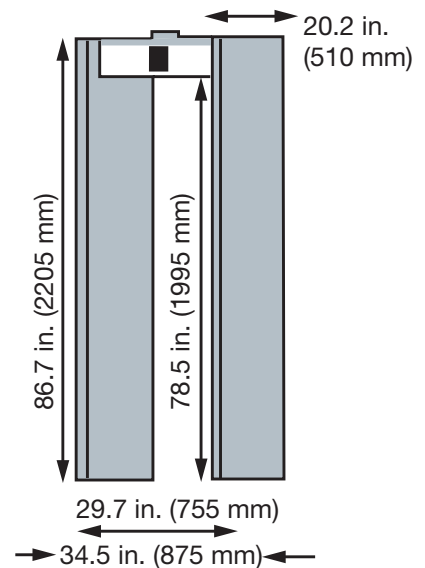
Total: shipping weight: 55.1 kg (121.5 lbs) shipping volume: 0.36 m<sup>3</sup> (12.8cu ft) Coils: shipping weight: 35.6 kg (78.5 lbs) shipping volume: 0.25 m<sup>3</sup> (8.9 cu ft) Cross Bars + Electronics: shipping weight: 19.5 kg (43 lbs) shipping volume: 0.11 m<sup>3</sup> (3.8 cu ft)

## Options and Accessories

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

Test Pieces: To assist in calibration and testing.

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



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.

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**Rapiscan**  
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Rapiscan Systems is  
ISO 9001:2008 Certified

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