

Metorex Security Products **METOR 160**

**High discrimination
walk-through metal detector**



Where security matters

METOR® I 60

High discrimination walk-through metal detector

METOR® I 60 features the famous operational and performance characteristics of the METOR® family.

- Improved discrimination of metal objects. False alarm rate <5% in favorable conditions.
- Improved interference rejection.
- Improved uniformity of detection for higher traffic flow.
- Preset programs to meet the requirements set by leading security organizations.
- Improved reset speed 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.

-21 programs with 100 sensitivity levels for each
-uncomplicated integrated mechanical construction
-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
-easy maintenance/availability of spares
-safe for cardiac pacemakers and magnetic recording materials

Options

METOR®NET, traffic counter, battery operation, wheels, wall-inset installation, carrying bag, special colors, display unit.

Applications

- Airports, seaports
- Banks
- Public buildings
- Industry
- Prisons
- Stadiums
- Hospitals
- Power plants
- Hotels, restaurants, casinos, discotheques

The control unit

- Gives full control of all the properties of the detector.
- Gives indication of the relative size of a metal object by the lowest horizontal led row.
- Can be located up to 65m (215 feet) away from the gate.
- Has variable access code which allows only authorized persons to make adjustments.

All specifications subject to alteration without previous notice

METOR® I 60

Technical description



Conformity

METOR conforms with the applicable EU directives. It 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 and DoT (UK) approved.

Specifications

Ambient operating temperature:

-10°C to +55°C (14°F to 131°F).

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 2m (6.5 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.

Controls:

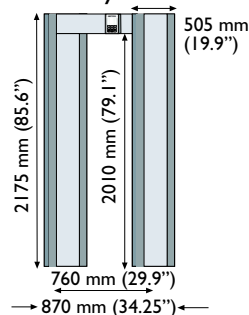
See control unit.
Mains on/off switch.
50/60 Hz frequency selection.

Remote alarm:

Remote alarm relay (SPDT).
Voltage free contact with
T2A fuse 5x20 mm.
Optional display unit.

Warranty:

Two years.



Total shipping weight: 57.5 kg (126.8 lbs)
Total 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 15.5 kg (34.2 lbs)
shipping volume 0.07 m³ (2.4 cu ft)

Metorex Security Products Oy
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