

METOR 250

**Standard Multi-zone
walk-through metal detector**



Where security matters

M ETO R[®] 250

Standard multi-zone walk-through metal detector

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Conformity

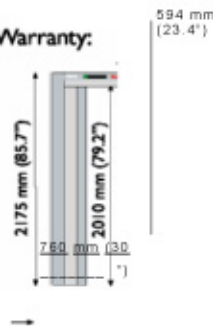
The Metor 250 conforms to the applicable EU directives. It meets the requirements of the following standards:

- 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 approved.

Specifications

- Ambient operating temperature:** From -10 C to 55 C.
(From 14 F to 131 F).
- Humidity:** 0 to 95%, no condensation.
- Protection:** IP 20 (EN 60529).
- Power supply:** Mains: 90-264V AC/45-65Hz
Battery: 24-35V DC
Consumption: 45W
Fuse: T1A 5x20 mm
Power cord length: 2.5 m (8.2 ft).
- Alarm:** Audible alarm.
Alphanumeric display and zone display.
Remote alarm relay (SPDT).
- Sensitivity resolution:** 100 sensitivity steps in each program.
8 separate horizontal zones with independently digital filtering by signal processor.
Several operating frequencies to suppress local electrical noise.
- Calibration:** 100 sensitivity steps in each program.
8 separate horizontal zones with independently digital filtering by signal processor.
Several operating frequencies to suppress local electrical noise.
- Interference suppression:** Connectable to the METORNET[®] security monitoring system (RS422)
- Network connections:** Gate wheel sets, remote zone display, carrying bags, battery backup.
- Options:** —

Warranty:

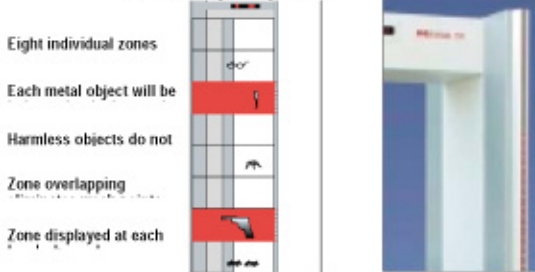


We reserve the right to make changes without prior notice.

• Multi-zone technology

The Metor 250 uses a unique coil system that guarantees uniform first-rate detection performance throughout the frame opening. This multi-zone technology provides excellent discrimination and a much lower false alarm rate than with conventional detectors. This results in a much higher throughput rate.

Multi-zone principle



• Multi-zone display

The Metor 250 has a vertical lightbar that provides a visual display that pinpoints the area(s) of alarm.

• Automatic sensitivity selection

An automatic sensitivity program selects the correct sensitivity for a specific weapon or test object, eliminating the time consuming trial and error method.

• Self-diagnostics

The Metor 250 provides comprehensive self-diagnostics that continuously monitors the detector's internal circuitry, external connections, and environment.

• Continuously active

The Metor 250's detection circuitry is continuously active. At no time is it possible to toss, pass, or slide a weapon through the system without detection.

• Remote control unit

The remote control unit can be removed from inside the crosspiece for easy programming of the unit.

• Security

The remote control unit uses password protection to eliminate any unauthorized access to the programming.

• Software

Pre-set detection programs as specified by various security organizations as well as programs designed to detect specific metals are built into the software to provide a wide array of detection capabilities.

Total shipping weight: 75.7 kg (166.5 lbs)
Total shipping volume: 0.47m³ (16.5 cu ft)
Net weight: 58.8 kg (129.6 lbs)

Coils:
shipping weight 55.5 kg (122.4 lbs)
shipping volume 0.34 m³ (12 cu ft)
Cross bars + electronics:
shipping weight 20 kg (44.1 lbs)
shipping volume 0.12 m³ (4.2 cu ft)