

PMD2 Plus Elliptic

Enhanced Walk-Through Multi-Zone Metal Detector

This is a zonal model featuring modern, elegant lines, and can be inserted into the most prestigious surroundings with the minimum visual impact. Easy to assemble and transport, the **PMD2 Plus Elliptic** is also recommended for portable use in temporary or itinerant installations. The technology employed allows high discrimination to be achieved even at stringent security levels.

- Superior Detection and Throughput
- Very High Discrimination of Non-Threat Items
- Compliant with the strictest Security Standards for weapons detection
- 60 localization zones: 20 vertical, 3 lateral
- Column and Panel versions
- Unmatched Reliability
- Rapid Installation



Key features

- Elliptic column shape or traditional panel versions available
- Wide range of threat detection from guns to ½ cutter blade
- Excellent discrimination of personal metal effects
- 60 zones with left, center and right indication
- Met-Identity technology identifies the metal type in real time
- High precision bidirectional counter with automatic rescreening compensation
- Chip Card capability for fast, simple, and secure programming
- Random alarm capability programmable from 0% to 100%
- Exceptional Immunity to external interferences
- One touch automatic self installation (OTS)
- Powered by safe low voltage DC
- Standard Interfaces: RS-232, Bluetooth, Infrared
- Other available interfaces: Ethernet, USB

Technical Information **PMD2 Plus Elliptic**

Quality

- Continuous self diagnostic system
- Proven reliability
- No periodic re-calibration and preventive maintenance required
- No scheduled maintenance
- Fully digital design
- State-of-the-art, robust and washable panels

Central Control Unit

- Ergonomic and robust design
- High visibility alphanumeric display and programming keyboard
- Made of advanced plastics or stainless steel and anti-vandalism construction (option)
- Access to the front panel protected by hardware key and 2 levels of passwords

Alarm signaling

- Visual signals
 - Visual: Fixed or proportional to the mass in transit - visible from 6m under lighting of 4000lux
 - Visual zone indication: 60 distinct zones (20 vertical x 3 lateral)
 - Multi-zone display bar for "height on person" localization
 - 4 light bars with selectable entry/exit and pacing indication
 - Green and red metering signals proportional to the mass of the detected target

- Audio signals
 - 10 selectable continuous and pulsed tone plus 34 special tones
 - 10 selectable sound intensities ranging from 0 to 90 dBA at 1m

Programming

- Over 40 built-in security programs
- Remote via RS-232, Infrared Remote Control Unit, Bluetooth or Ethernet 10/100 base T (option) interface
- Security level
 - International Standard (IS) command
 - Chip card
- Local by Control Unit alphanumeric display and keyboard
- Programming and chip card access protected by user and super-user passwords

Operational features

- Very high discrimination and transit flow rates five or more times greater than other metal detection systems
- Quick reset time as short as 0.2 seconds for high throughput rate
- Very high detection speed (up to 50 ft/sec.)
- Built-in operational function verification
- One-touch key reading of inbound, outbound and Security Level Data

Installation data

- Automatic synchronization between two or more metal detectors with distance of down to 2" (5 cm) without the use of external cables

Power Supply

- 100-240V~ -10/+15%, 47-63Hz, 40VA max

Operating temperature

- -4°F to 158°F

Storage temperature

- -35°F to 158°F

Relative humidity

- 0 to 95% (without condensation)

Dimensions

- 42.4" / 46.4" (ADA) x 88.8" x 15.8"
- 28.3" / 32.3" (ADA) x 80.3" - Passage Way



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www.pointsecurityinc.com

Point Security, Inc.
5815 NC Hwy 8 South
Lexington, NC 27292
1-800-476-1607