

MSD Magneto Static Detector

Highly Portable Cell Phone Detector

The illegal use of cell phones is a growing and dangerous problem in correctional institutions worldwide.

These devices are a significant threat to prison security and circumvent the monitoring processes in prisons, while helping inmates commit new crimes both inside and outside the facility.

CEIA MSD was specifically designed to detect all cell phones and other contraband concealed on the person or in body cavities (including key fob cell phones, smart phones, radio transceivers, etc.) quickly and easily.

The CEIA MSD is a one-piece, portable and full-height ferromagnetic detector that combines high reliability and ergonomics with advanced detection and operator signaling features.

The one-piece design allows the CEIA MSD to be easily transported and operational in a very short time.



Benefits

- Detection of all cell phones and other contraband concealed on the person or in body cavities (including keyfob cell phones) with or without batteries
- Detection of magnets and ferromagnetic metals
- Full-height, 360° detection
- 5 individual zones for pinpointing locations of contraband on the body
- Covert operation through use of Bluetooth headset (included)
- Fully weather proof for outdoor use
- Fully programmable
- Up to 26 hours continuous battery operation with 4.5 hours charge
- One-piece and lightweight design (total weight only 21 lbs with batteries included) easily transportable by one person
- Automatic adjustments offer unmatched detection in all environments
- Extremely durable design using stainless steel and high impact reinforced plastics
- Anti-tip suction cups for securing to smooth floor surfaces (included)
- No assembly required: immediately ready for stand-alone use
- Non-emitting device: safe for use for pace-makers and other medical implants
- Quick Response
- Robust AISI 3xx stainless steel construction
- Non-Obstructive

Carrying case for personal transport and storage

- Heavy-duty lightweight carry system
- Custom fit to the MSD shape
- Dedicated pocket for accessories
- Space-saving
- Included parts:
 - MSD Magneto Static Detector unit
 - Installation kit: 4 rubber feet, 6 mm allen key, Test sample
 - External AC/DC battery charger adapter
 - Carrying case
 - Bluetooth headset



Technical Information MSD Magneto Static Detector

Controls and Indicators

- ON/OFF push-button
- 4-key keypad, for programming and status readout
- Security: Programming Access protected by User and Super User password
- Power indicator: White lamp
- 8 digit alphanumeric display: Messages during use, programming and self-diagnosis alerts
- Alarm indicator
 - Green light: normal operation, no detection
 - Red light: target detection over the alarm threshold / Fault indication
 - Blue light: auto-learn procedure/connecting Bluetooth device in progress
- Graphic display: Messages during use, programming and self-diagnosis alerts
- Multi-color status indicator
 - Green light: normal operation, no detection
 - Yellow light: proportional target detection under the alarm threshold
 - Red light: Continuous light: target detection over the alarm threshold - 5 different zone indication - Blinking light: fault
 - Blue light: auto-learn procedure/connecting Bluetooth device in progress
- Alarm Sounder
 - Alarm indication for target over the alarm threshold, with fixed or proportional pitch
 - Warning and alarm indications adjustable in continuous/pulsed tone and volume
 - Battery low: double beep
 - Self-diagnosis alert: intermittent tone
- Bluetooth Headset
 - Warning indication for target under the alarm threshold, with fixed or proportional pitch
 - Alarm indication for target over the alarm threshold, with fixed or proportional pitch
 - Warning and alarm indications adjustable in continuous/pulsed tone and volume
 - Battery low: double beep
 - Diagnosis: intermittent tone

Power Supply

- AC/DC external power charger (IP44): 100 ... 240 V~, 47...63Hz, 40W
- Embedded rechargeable battery
 - Up to 17 h of continuous operation with 3 h battery charge
 - Up to 26 h of continuous operation with 4.5 h battery charge

Detector Environmental Conditions

- Working temperature 14 to 149°F
- Storage temperature -35 to 158°F
- Relative humidity 0 to 95%, non-condensing

Weight

- MSD: 21 lbs.
- AC/DC adapter: 1.6 lbs.
- Bluetooth kit: 0.5 lbs. (includes battery charger)
- Carrying case: 1.5 lbs.
- Installation kit: 0.6 lbs.

MSD Dimensions

- Height: 75" - Width: 13"

Shipping Information

- Dimensions (W x D x H): 16" x 79" x 19"
- Weight 53 lbs.

Detector Degree of Protection

- Fully weather proof for outdoor use (IP65)

Available Accessories

- Additional Bluetooth headset: ordering code 61248 (one Bluetooth headset included)
- MSD-RRU Remote Relay Unit: ordering code MSD-RRU
- Wall mounting kit: ordering code 62927

Certification and Compliance

- Non-emitting device: safe for use for pace-makers and other medical implants
- Compliant and certified to the applicable electromagnetic Standards on Human Exposure and pacemaker safety
- Compliant with and certified to the applicable International Standards for electrical safety and EMC



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