

SMD600 Plus

Very High Performance Enhanced Walk-Through Metal Detector

The **SMD600 Plus** is the first Metal Detector in the market fully compliant with the NIJ-0601.02 Standard, as required in very high sensitivity applications, which also allows very high throughput in high security public screening checkpoints.

- Two-in-One Metal Detector
- Fully compliant with the NIJ-0601.02 Law Enforcement Standard
- Very high discrimination and high throughput for public screening
- Accurate Pinpointing of individual and multiple metal targets
- Exceptional Immunity to external interferences
- Unmatched Reliability
- Rapid Installation



Key features

- Very High Sensitivity
- Automatic Technical Functional Verification (TFV)
- Very High Discrimination
- Automatic Environmental Noise Compensation (ENA)
- Fully compliant with, and exceeding, the NIJ-0601.02 Standard
- Met-Identity technology identifies and signals the metal type in real time
- Very high throughput in high security public screening checkpoints
- Random alarm capability programmable from 0% to 100%
- 20 x4 high precision localization zone x display bars
- Exceptional Immunity to external interferences
- One Touch Automatic Self Installation (OTS)
- High precision bidirectional counter with automatic rescreening compensation
- Automatic Operational Functional Verification (OFV)
- Chip Card capability for fast, simple, and secure programming
- Automatic Vibration Compensation (AVS ,EVA)
- Powered by safe low voltage DC
- Automatic Channel Search (CS)
- Automatic Floor Gain Adjustment (FGA)
- Standard Interfaces: RS -232, Bluetooth, Infrared
- Other available interfaces: Wi-Fi, Ethernet, USB

Technical Information **SMD600 Plus**

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

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| <ul style="list-style-type: none"> • 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 3 levels of passwords | Dimension <ul style="list-style-type: none"> • 32.8" / 835 mm |
|--|---|

Alarm signaling

- Visual signals
 - Visual: Fixed or proportional to the mass in transit - visible from 6m under lighting of 4000lux
 - Visual zone indication: 20 x 4 distinct zones (20x2 entry/20x2 exit)
 - 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

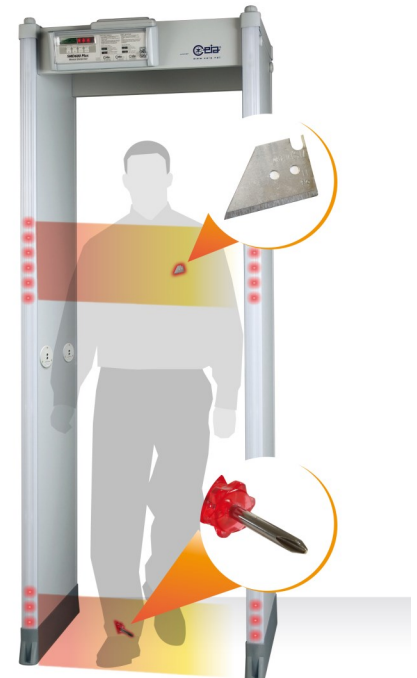
- Up to 50 built-in security programs (Up to 30 International Standards, up to 20 Customizable Levels)
- Remote via RS-232, Infrared Remote Control Unit, Bluetooth or Ethernet 10/100 base T (option) interface
- Security level
 - International Standard (IS) command
 - Chip card
- Local by Control Unit alphanumeric display and keyboard
- Programming and chip card access protected by user and super-user passwords

Operational features

- 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 and technical functional verification
- One-touch key reading of inbound, outbound and Security Level Data

Installation data

- Automatic synchronization between two or more metal detectors with distance as close as 12" (30 cm) without the use of external cables
- Built-in floor sensitivity adjustment function



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