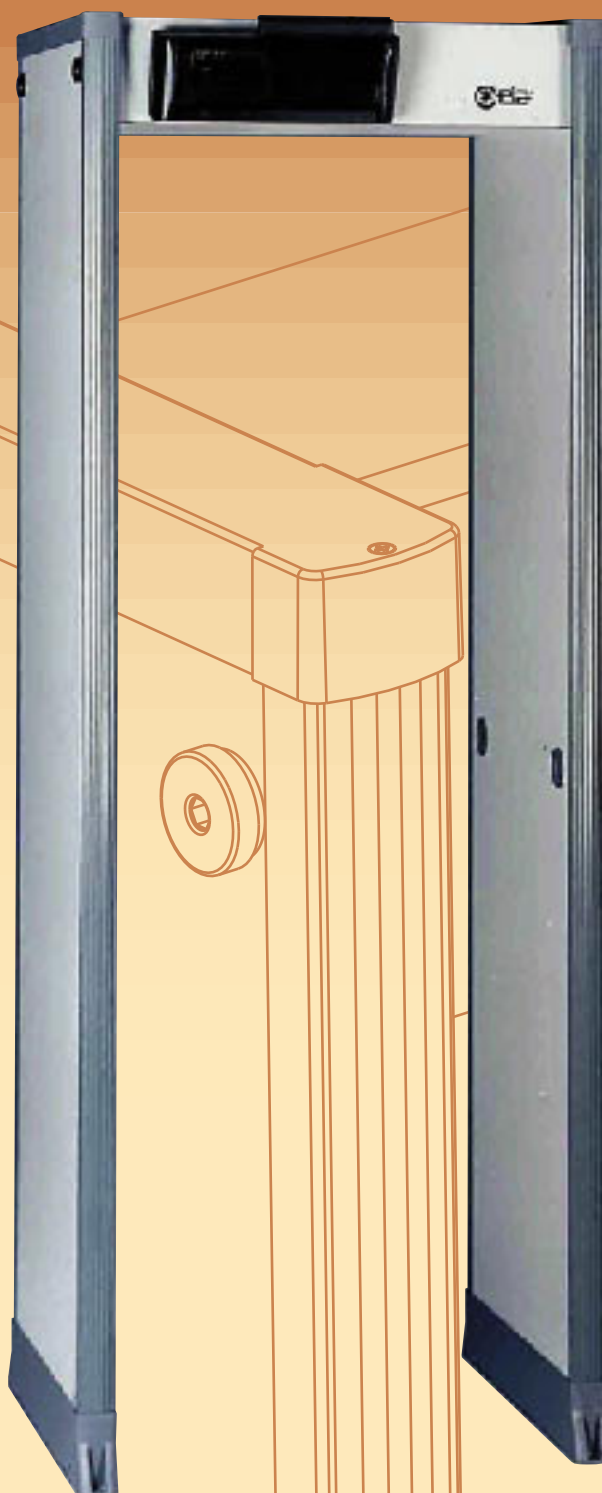


SMD 600

Super Metal Detector

- **Complete Security Detection**
- **Extremely High Sensitivity to all Metals**
- **Very High Immunity to External Interferences**
- **Direct Selection of the International Security Standards**
- **Extreme Reliability**
- **Local or Remote Programming with Networking Capability**
- **Anti-Vandalism Version also Available**



SMD 600

Super Metal Detector

The CEIA **SMD 600** walk-through Metal Detector is a new-generation detector designed to satisfy the strictest security requirements in a wide range of applications. It meets all International Security Standards currently adopted in public and private installations.

The **SMD 600** is particularly suitable for high security applications, such as penitentiaries, where the requirement is for maximum sensitivity to all metals combined with very high immunity to electrical interference in the surrounding environment and mechanical excitation.

The design characteristics of the **SMD 600** also make it suitable for use in airports, ports, military installations, government offices and other locations where weapon detection coupled with a high level of discrimination in respect of metal personal effects is required.

The detector's control unit is incorporated into the structure of the device, and is available in the standard (IP20) and anti-vandalism (IP55 in stainless steel) versions.

Access to programming is protected both by a mechanical lock and by two alphanumeric passwords. The Metal Detector's sensitivity does not depend on the speed of transit, and thus makes for a high flow rate.

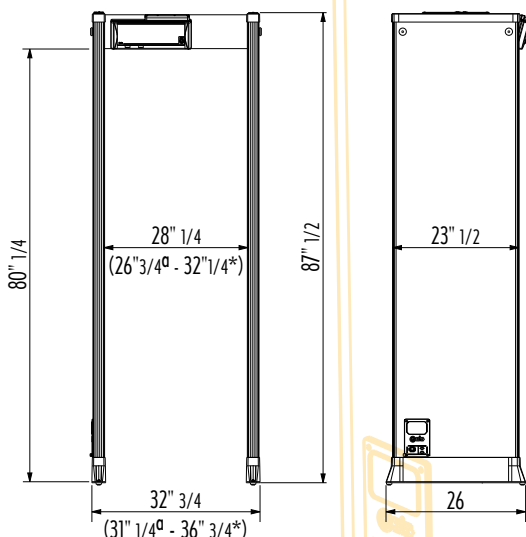
The **SMD 600** is manufactured using the most advanced electronics technology, conforming to **ISO 9001** quality control procedure standards.



SMD 600

Stainless steel
Electronic Control
unit (IP55)

Parameters
programming



◦ Recommended
archway width for
high-sensitivity
applications

* Available on
request

Technical data

Main features

- Adjustable sensitivity with a wide range of settings.
- International Standards: immediate selection of International Security Standards.
- High detection speed: up to 45 ft/second.
- Very high immunity to both electrical and mechanical interference.
- Programmable operation controlled by microprocessor.
- Programming: via built-in keypad and RDU or RS232/RS485 serial connection to PC or computer network.
- Programming access protected by a mechanical lock and two alphanumeric passwords..
- Cable-free automatic synchronisation between two or more Metal Detectors at a minimum distance of 2 inches from each other.
- High-integration professional electronics and maximum reliability.
- Control unit incorporated into the detector.
- No need for initial or periodic calibration.
- Easy maintenance: the control unit can be replaced within one minute.
- Colour: light grey RAL 7040

Alarms

Visible signals:

- High intensity display.
- Green and red signals.
- Signal proportional to the mass of the object detected.

Under the alarm threshold

- * Small metal mass
- *** Medium metal mass

Over the alarm threshold

- * Medium metal mass
- *** Large metal mass

Audible signals:

- High acoustic intensity alarm signal.
- Volume and tone of alarm signal can be programmed.
- Steady tone or tone proportional to the mass of the object detected.

Certification and Conformity

- Harmless to wearers of pacemakers or other vital support systems, pregnant women and magnetic storage media (floppy disks, audio cassettes, video cassettes and similar).
- Conforms to the FAA "3-Gun-Test" standard and to the NILECJ-0601-00 standards for all security levels.
- Satisfies EC regulations and international standards relating to electrical safety and electromagnetic compatibility (EMC).

Installation Data

Power Supply:

- 115 / 230 VAC, $\pm 15\%$, 45-65 Hz, 30 VA MAX

Inputs:

- RS-232C interface for the connection with a terminal, a computer or an external modem
- RS-232C interface for the network connection with other CEIA metal detectors

Temperature and relative humidity:

- from 5°F to 158°F; from 0 to 95% (without condensation)

Accessories / Options

- Photocell transit count.
- Metal test samples.
- Back-up batteries with 45 minute or 8 hour independent operation capability.

CEIA reserves the right to make changes, at any moment and without notice, to the models (including programming), their accessories and options, to the prices and conditions of sale.



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