Sentrie®AT

The **Sentrie AT** is a microprocessor-controlled Metal/Weapon Detector designed to detect passing metal objects of various sizes and compositions. The **Sentrie AT** will not signal false alarms because of X-ray units, power line noise, TV monitors or similar electrical devices which frequently cause problems with other metal detectors.

The **Sentrie AT** incorporates all the advanced features normally offered on the Sentrie line of metal detectors including a universal power supply, built-in synchronization programs for multiple archway installations, and eight screening programs.

The **Sentrie AT** is ideally suited for weapons detection in airports, government buildings, nuclear facilities, courthouses, and correctional institutions. Pilferage detection is also possible with the **Sentrie AT's** high sensitivity programs.

The **Sentrie AT** meets all the requirements of the FAA detection standards as applied to airports and related facilities.

As part of the Security and Detection Systems' family of products, the **Sentrie AT** shares over 18 years of experience in the manufacture of metal detectors. With over 25,000 units in the field worldwide, and an extensive service organization to support them, the Security and Detection Systems division of L-3 Communications has established its reputation as the leading supplier of X-ray security products and metal detectors in the world.

Sentrie AT

Features

- Very low false alarm rate using the FAA test requirements. Allows for high throughput in demanding environments

- Advanced coil design and superior signal processing reduces false alarms from external interference sources

- Programming security provided with key lock access avoiding confusing access codes

- Simple programming controls that can be operated by normal security personnel

- Rubberized edge caps for increased durability in high traffic areas

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Technical Specifications

Electronics:

The **SENTRIE AT** electronics console is located on top of the archway, eliminating the need for a table to rest the console and a signal cable, as with older metal detectors. Power can be connected through the top or the bottom of either upright coil panel. The **SENTRIE AT** constantly displays the volume, program in use, and sensitivity setting in full view of the operator.

Physical Specifications:

Overall Height:	2187 mm (86.1″)
Passageway Height:	2020 mm (79.5″)
Outside Width:	922 mm (36.3″)
Passage Width:	754 mm (29.7″)
Panel Depth:	605 mm (23.8″)
Weight (approx)**:**	86 kg (190 lb)
Shipping Weight (approx)**:**	100 kg (220 lb)

Power:

- 50VA @ 85-265 VAC
- 22-30 VDC, 30 Watt (max)
- 47-63 Hz fully automatic
- 0.7 Amp breaker (no fuse required)

Environmental:

32°F (0°C) to 131°F (55°C) up to 95% relative humidity. Conforms to NILECJ-STD-0601.00, meets FCC Class A Standards for emissions.

Synchronization:

Allows the use of multiple units in close proximity without any special cables.

Controls:

A large green "ready" LED tells the operator the unit is ready to screen. A large red alarm LED and a tone-selectable audio alarm tell the operator when a potential weapon is detected. A row of 10 LEDs light to indicate the amount of metal being carried through the archway. A yellow tamper light and audible alarm tell the operator when the unit is malfunctioning or intentionally disabled, The selection of program, sensitivity and volume are key-switch protected for maximum security.

Auxiliary Functions:

Alarm relay contact, system inhibit and serial communication interface are provided on the rear of the electronics console.
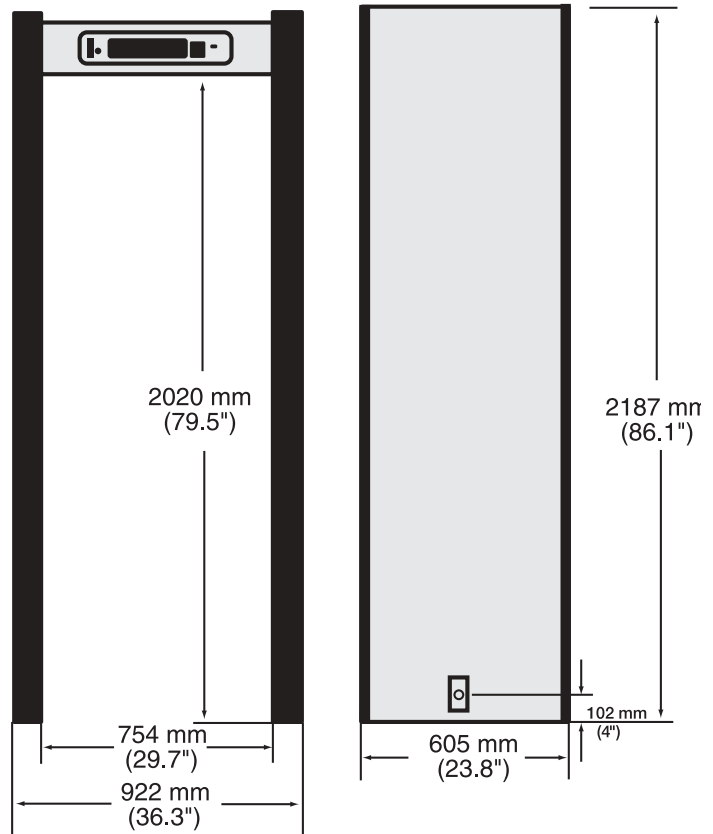
Features:

- Eight standard programs
- Variable sensitivity
- Throughput of up to 50 people per minute
- Tamper proofing of console case, internal cables and power cord
- High impact plastic laminate exterior
- Self-adjusting static metal compensation
- Push-button self-test
- Peripheral alarm relay contact
- Protective edge caps

System Options:

- Custom Color
- Passenger Counter
- 32″ or 34″ Interior Widths
- Remote Console
- Maintenance Manual

Design Policy:

Security and Detection Systems reserves the right to change specifications in the course of continuous improvement. Specifications are provided for reference only and actual equipment may differ slightly from the description given.

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