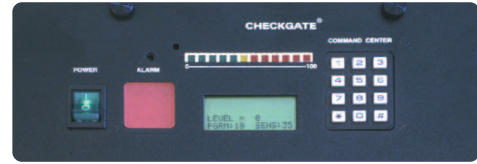


# AUTOCLEAR CheckGate® 9000

## Advanced Metal Detector Portal



Patented,  
dual, highly  
uniform fields



CheckGate®: Easy to operate, view and maintain, with 64-character backlit LCD, large alarm LEDs and adjustable tones.

### Features and Benefits

#### → Clever discrimination

Automatically double screens each person, saving valuable time and manpower with its unique field transmitter and receiver pairs on **both** portal sides.

#### → Advanced

Demanded by the world's most expert screeners, the U.S. Military, Marshals Service and major airports, for its efficiency and dependability.

#### → Lowest recorded false alarm rates

Fastest checkpoint processing, even at the highest threat levels.

#### → High tech signal processing

Uniquely filters out RFI/EMI "noise" from surrounding electronic monitors, devices and systems.

#### → Reliable and robust

No melamine, brittle plastic, bulbs, or entry sensors to replace or repair. Environmentally robust and friendly.

#### → Easy set-up & care

Setting detection levels, volume, tone and features is simple, yet secure.

#### → Fast, auto calibration

Nulls-out metal around portal sides.

#### → Quality compliant

CE compliant, medically safe, lowest emissions/power, FAA approved. American design and manufacture. Highest level ISO 9001 certified.

70 years leading innovation in checkpoint detection & support

## Ultimate Throughput

Airports • Courts • Schools • Correctional  
Power Plants • Events • Rentals • Banks • Hotels  
Military • Government Buildings • Anti-theft  
Checkpoints • Professional Offices • Media

AUTOCLEAR

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# CheckGate® 9000 technical specifications

The AUTOCLEAR Federal Labs CheckGate® 9000 provides the absolute lowest false alarm rates with the highest throughput in secure traffic flow. Patented multiple paired antenna coils marginalize false alarms, maximizing detection and reliability. Sealed in an attractive, architectural granite, thermoplastic panels. Proven through continuous operation in the world's busiest airports, the most critical Presidential and Government facilities, Courthouses and Checkpoints. The leading model in Airport and Federal facility installations for high throughput and immunity from RFI and EMI interference.

## Standard Features

- DSP circuitry eliminates spikes, noise, and two-way radio interference.
- No Sensors are required—detection circuitry is continuously active.
- LCD display indicates settings, diagnostic functions and operational menus. Large, bright LED indicators for power and alarm status.
- Diagnostics are built in and circuits are constantly monitored for faults.
- 100 standard programs, ferrous and nonferrous metal detection.
- Sensitivity range settings are selectable from 0 to 99 for accurate target detection.
- Cable-free installation with four selectable audio ring-tones. Remote alarm relay and data output connector.
- One year warranty on all parts and labor—extended warranty available. Lifetime no chip or crack warranty on portal side materials.

## Unique Performance Qualities

- Unique dual coil system and powerful software provide multi-field detection throughout, yielding by far the lowest false alarm rate, for the widest range of targets.
- Left-to-right, right-to-left, top-to-bottom, and bottom-to-top positions detect any target, eliminating “strong” and “weak” sides. No comparable model comes close.
- Custom programs are configured via built-in menu prompts, allowing further enhancement for unique targets or environments.
- Magnetic field lower by 50%, minimizing moving metal interference at the front and exit.
- The portal self adjusts to withstand environmental interference from large static metal objects and heavy local RFI. A dual channel bargraph meter makes it easy to optimize performance in busy locations.
- The portal can be optimized to the local floor construction. Detection at ankle level or below is easily adjustable (using less than two parameters).

## Performance Standards

Meets and exceeds NILECJ standard 0601.00 level 1-5, ICAO, FCC and F.A.A. Airport Security Regulations.

## Electronics

Microprocessor computer controlled circuitry with 12 digit keypad entry control, LCD display, LED bargraph meter & audio/visual alarm.

## Portal

Architectural, seamless thermoplastic houses multi-field coils. Standard composite: Blue-grey granite. Specify 9000P (Plastic) or 9000F (Formica)

## Power

Industrial grade power supply 90-265 VAC (<1Amp), 50/60 Hz +/- 3 Hz

## Environmental Conditions

Temperature: -10°C to 55°C  
Humidity: 0-98%, non-condensing

## Dimensions & Weight / Standard Configuration

Overall Loop Assembly 35"W x 87"H x 24"D (89cm x 221cm x 61cm)  
Passageway Clearance 28"W x 79.5"H (71cm x 202cm)  
Net Weight 99 lbs. (44.8 kg)

## Options

- Remote Command Center
- 24" and Custom Widths
- Remote Annunciator Panel
- Formica Color, Construction
- Floor Anchor Kit
- Model 9001 Portal: Ultrasensitive to small, sharp objects for correctional use
- Wheels or No Tools Hardware
- Battery Backup
- Matching Key Side Table 14.7"W x 23.3"D x 38"H (37cm W x 59cm D x 96cm H)
- Person Counter, Sensor
- Weatherization
- Built-in Power Conditioner
- CE Marking



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Model 9000C

70 years leading innovation in checkpoint detection & support

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