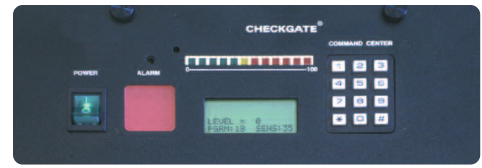


AUTOCLEAR CheckGate® 8000

Metal Detector Portal



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

Features and Benefits

- ➔ **Improved discrimination**
- ➔ **Easy set-up & care**
Setting detection levels, volume, tone and features is simple, yet secure.
- ➔ **Excellent target & program selection**
- ➔ **High tech signal processing**
Uniquely filters out RFI/EMI “noise” from surrounding electronic monitors, devices and systems.
- ➔ **Superior throughput**
Utilized at the busiest locations worldwide.
- ➔ **Low false alarm rates**
Even at the highest threat levels.
- ➔ **Auto calibration**
Nulls-out metal around portal sides.
- ➔ **Uniform detection top to bottom**
- ➔ **Reliable and robust**
No melamine, brittle plastic, bulbs, or entry sensors to replace or repair. Environmentally robust and friendly.
- ➔ **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

Detect All Metal Threats

Courts • Schools • Correctional • Police
Events • Banks • Hotels • Military
Government Access • Museums • Libraries
Rentals • Corporate Access • Media • Checkpoints



autoclearus.com

Scintrex® • CheckGate® • Dynavision® • Control Screening® • Federal Labs®
U.S. Canada France UK UAE Japan Latin America Singapore Spain

CheckGate® 8000 technical specifications

The AUTOCLEAR CheckGate® 8000 is accurate, adaptable and dependable. The digital circuitry and software exhibit extraordinary noise reduction and increased operating reliability. The 8000 is a pulsed field metal detector engineered to be attractive, durable, and cost effective. The 8001 is an entry level, extra-sensitive version for correctional and anti-theft applications.

- Radio frequency interference rejection from 25 to 1000 MHz.
- DSP circuitry eliminates spikes, noise, and RF interference.
- No sensors required—detection circuitry is continuously active.
- LCD shows the individual's numerical and visual peak metal readings.
- LED alarm indicators, tone controlled audio alarm.
- LCD display indicates alarm levels, diagnostic functions and operational menu.
- Bargraph meter indicates background noise and each individual's metallic content.
- Diagnostics: A menu gives full system information on functioning circuits and confirms that all system parts are working.
- 70 Standard programs (capacity 100).
- Sensitivity range: 0 to 99.
- Remote alarm relay.
- One year warranty on all parts and labor—extended warranty available. Lifetime no chip or crack warranty on housing materials.
- Electronic synchronization among units is automatic with four selectable audio ringtones.

Standard Features Performance Standards

Meets and exceeds NIJ standard 0601 level 1-5, FCC and F.A.A. Airport Security Regulations.

Electronics

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

Portal

Robust, architectural thermoplastic houses the coils.
• Standard composite: Blue-grey granite.

Power

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

Environmental Conditions

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

Dimensions & Weight

Standard Configuration (8000)

Overall Loop Assembly	35"W x 87"H x 24"D (89cm x 221cm x 61cm)
Passageway Clearance	28"W x 79.5"H (71.1cm x 202cm)
Net Weight	119 lbs. (54 kg)

Super Sensitive Configuration (8001)

Overall Loop Assembly	31"W x 87"H x 24"D (79cm x 221cm x 61cm)
Passageway Clearance	24"W x 79.5"H (61cm x 202cm)
Net Weight	95-105 lbs. (43 - 48 kg)

Options

- Remote Command Center
- 24" and Custom Widths
- Remote Annunciator Panel
- Formica Color, Construction
- Floor Anchor Kit
- Wheels or No Tools Hardware
- Battery Backup
- Compact, Columnar, Model 8000C
- CE Marking
- Built-in Power Conditioner
- 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
- Ultrasensitive Model 8001



New, matching Key Table and award winning HandWand® available

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