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CheckGate®9800

MultiZone Metal Detector Portal

CheckGate®: Easier to view and operate. Large, color-coded LED's and 64-character backlit LCD.

Features and Benefits

- **8 True horizontal zones for accurate, automatic threat location**

- **8 zone and 100 sensitivity settings provide ultimate location and sensitivity**

- **Computer optimized antennas, designed and built in the USA**

- **True digital signal processing (DSP) with advanced electronics for greatest reliability and immunity from surrounding electronic interference**

- **100 fully adjustable program settings to customize threat level conditions**

- **Harmless to health, film, tapes, discs, electronic media**

- **Exceptional discrimination of the smallest, thinnest weapons**

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General Trading Limited Liability Company

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Airports • Courts • Correctional • P ower Plants
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CheckGate® 9800 technical specifications

The **PREMNET** CheckGate ® 9800 simplifies the detection and location of metal weapons, explosives parts and threats. With its unique design, the 9800 uniquely employs eight separate horizontal zones. The vertical zone L.E.D. lightbar visually indicates where on the person the likely metal targets are concealed among the eight horizontal zones. Individual zone adjustments reduce false alarms on personal items like keychains, coins, buckles, shoe shanks and large jewelry. Powerful software optimizes detection and reliability. With extremely low false alarm rates, the 9800 (a.k.a. MZ-8) maximizes traffic flow.

ELECTRONICS
Advanced high-speed digital signal processor "brain" with non-volatile, non-erasable memory, LCD display, large LED bargraph meter, with selectable vertical LED zone indicators and audio/visual alarm.

ARCHWAY
Robust, seamless architectural plastic housing secures the multi-field antennas and vertical zone detection and traffic control LED lighting.

• Standard Composite: Blue-grey Granite
• Custom formica housing colors available.

POWER
90 – 265 VAC (<1 Amp)
50 – 60 Hz ±3 Hz

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

DIMENSIONS/WEIGHT (Standard Configuration)

Overall Loop Housing:	87"H x 24"D x 35"W
Passage Clearance:	79.5"H x 28"W
Weight:	Less than 140 lbs. (64 kg)

PERFORMANCE STANDARDS
Performs to the TSA enhanced metal detection target standards. Meets and exceeds NIJ standard 0601.00 level 1-5, ICAO, FCC and F.A.A. Airport Safety Regulations. Independently certified safe for pacemakers and defibrillators.

STANDARD FEATURES

• Individual zone sensitivity adjustment ranges from 0 – 99 from default baseline setting for all 8 zones.
• Metal interaction effects among ferrous and non-ferrous metals are minimized through both antenna and software design.
• DSP (Digital Signal Processing) circuitry eliminates spikes, noise, and two-way radio interference.
• Bright, large LED indicators for power and 8-zone vertical alarm status column.
• Reliability of 70 years of American metal detector portal detection systems design, make, test and service.
• Sychronizes among multiple units with 4 selectable audio tones.
• Person counter.

WARRANTY One year factory warranty standard. Longer warranties available. Lifetime warranty on housing.

CONTROL CONSOLE LCD DISPLAY

Easy to use. The password is entered using the console-mounted keypad, enabling any proper adjustment to operating settings. Self-prompting instructions are provided for all selections. With its user friendly menus, CheckGate® 9800is the industry's easiest unit to operate or set-up, with the greatest immunity to interferences.

OPTIONS

• Remote Command Center
• 24" and Custom Widths
• Formica Color, Construction
• Floor Anchor Kit

• Wheels or No Tools Hardware
• Battery Backup
• Matching Key Side Table
  (37cm W x 59cm D x 96cm H)
• Weatherization

• Built-in Power Conditioner
• Second Vertical
  Alarm Bar

New, matching Key Table and award winning HandWand® available

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