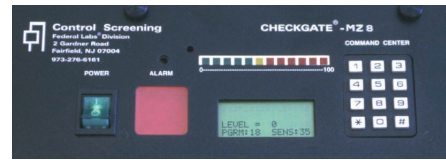


# CHECKGATE® MZ-8

Multi-Zone Walkthrough Metal Detection System



## ***Advanced Technology for Enhanced Weapons Location***

- **True horizontal zones for accurate metal location**
- **Fully adjustable program settings to customize each security threat level condition**
- **Individual zone adjustments for sensitivity provides ultimate discrimination**
- **Computer designed antenna system that optimizes ferrous and non-ferrous metal detection ratios**
- **True digital signal processing and state-of-the-art electronics**

***New, matching Key Table and award winning HandWand available!***

*Celebrating 65 years of excellence in design & support*

A U T  C L E A R

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# CHECKGATE® MZ-8 Specifications

## TECHNICAL SPECIFICATIONS

Weapons location is made simple with this multi-zone engineered model. The CheckGate Model MZ-8 assists security personnel in the detection and location of metal weapons and contraband. With its unique design, the MZ-8 contains eight separate horizontal zones. When a person walks through the unit's portal, the MZ-8's vertical zone L.E.D. lightbar provides a visual indication of where possible metal targets are concealed within the eight dedicated horizontal zones. Individual zone adjustments reduce false alarms on personal items such as keys, coins and jewelry, providing maximum detection and maximum reliability. With extremely low false alarm rates, the MZ-8 offers the highest throughput traffic flow.

## ELECTRONICS

Microprocessor computer controlled circuitry with non-volatile erasable memory, LCD display, large LED bargraph meter, bi-directional software with selectable vertical LED zone indicators and audio/visual alarm.

## ARCHWAY

Reinforced plasticized housing which contains the multi-field antenna and vertical zone detection and traffic control lighting.

- Standard Color: Grey Granite
- Custom housing construction available for color and appearance.

## POWER

90 – 137 (1 Amp) or 180 – 259 (1 Amp) VAC  
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: 140 lbs.

## PERFORMANCE STANDARDS

Performs in accordance to the TSA enhanced metal detection target standards. Meets and exceeds NIJ standard 0601.00 level 1-5 and F.A.A. Airport Security Regulations.

## STANDARD FEATURES

- Individual zone sensitivity adjustment ranges from 0 – 99 from global baseline setting for all 8 zones.
- Metal cancellation effects between ferrous and non-ferrous metals are minimized through both antenna and software design.
- DSP circuitry eliminates spikes, noise, and two-way radio interference.
- Bright, large LED indicators for power and individual 8-zone vertical alarm status column.

## WARRANTY

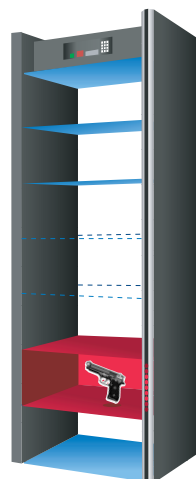
One year factory warranty.

## CONTROL CONSOLE LCD DISPLAY

**Easy to use.** The password is entered using the console-mounted keypad, allowing the user to change the operational settings. Self-prompting instructions are provided for all selections. With its exact sequence operational menus, CHECKGATE MZ-8 is the industry's easiest unit to operate and set-up.

## OPTIONS

- 24" and Custom Widths
- Remote Annunciator Panel
- Custom Color Finishes
- Floor Anchor Kit
- Wheels
- Traffic Counter
- HandWand™
- Matching Key Side Table
- 14.7"W x 23.3"D x 38"H / 37cm W x 59cm D x 96cm H
- Battery Backup
- CE Marking
- Extended Warranty



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