

# Garrett *MZ 6100*™

Multi-Zone Walk-Through Metal Detector

Made in the USA 

## Optimum Performance ★

More than 15 application programs engineered to address the needs of schools, airports, special events, prisons, courthouses, facilities, mass transit, loss prevention, and other applications.

## 20-Zone Precision ★

The *MZ 6100*'s twenty zones provide precise location of one or more objects simultaneously.

## Directional Counter ★

Four settings for counting patrons: forward only, reverse only, subtract in reverse, and bidirectional.

## Optional Wired or Wireless Communication ★

Manage walkthroughs individually or as groups and perform statistical analysis via network with CMA interface module.

## Optional Battery Backup ★

Two options: internal 1.5 amp-hour lithium battery provides approximately 1 hour of emergency power, or the 14 amp-hour lithium battery provides approximately 10 hours of operation.

## Advanced Synchronization ★

Advanced circuitry allows multiple detectors to be installed as close as 2 inches from each other.

## Selectable Language ★

Select from more than 10 languages.

## ★ Intuitive Menu Design

32-character menu prompts are easy to understand (i.e. no confusing codes or acronyms to memorize).

## ★ Unique Slider Bar

Use to quickly adjust the value of a setting.

## ★ Enhanced Access Control

Tamper-free detector controls via a 5-digit alpha/numeric system that has 60 million code combos. Additional security measures include a programmable keypad restriction switch secured in the lockable cabinet.

## ★ Bright LED Indicators

Eye-level green and red status lights, and zone indicators are highly visible, even in direct sunlight.

## ★ Auto-Scan Function

The *MZ 6100* scans electromagnetic environment and selects optimal frequency for noise cancellation.

## ★ Superior Versatility

Field programmable to allow system upgrades. Environmentally protected against wind, rain and dust. Full array of accessory items such as IR remote control (for easy adjustments) and caster sets (to make unit fully portable).

## *MZ 6100*™

Walk-Through Metal Detector

Part No.	Model/Clearance
1171000	U.S. standard 30"
1171005	U.S. ADA-compliant, 32.5" model

*Right: Multiple targets are indicated simultaneously via bright LED zone indicators.*



## Tamper-proof

Circuitry and cabling are secured behind a lockable panel. All settings are secured with two levels of access codes and a keypad restrict switch.

## Easy assembly

The *MZ 6100*'s modular design allows quick and simple assembly of its four (4) sub assemblies using only eight (8) screws and three (3) internal cable connections.

## Digital Signal Processor (DSP) based technology

DSP provides greater sensitivity, noise immunity, discrimination, detection uniformity, and overall product reliability.

**Regulatory Information:** The *MZ 6100* meets U.S. and international regulatory requirements for electromagnetic safety. Extensive research has found no information that would indicate Garrett products have adverse effects on pregnancy, medical devices (such as pacemakers) or magnetic recording media. However, directives by physicians and medical device manufacturers regarding metal detectors should be followed.  
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Multi-Zone Walk-Through Metal Detector

## Safety and performance at an affordable price

Garrett's MZ 6100 walkthrough metal detector provides enhanced performance and special program selections engineered to meet the varying security requirements of schools, stadiums, government buildings, mass transit, nightclubs, prisons, airports, entertainment venues, loss prevention, and special events.

This budget-friendly detector includes a bright LED display and a zone light array that is visible in the brightest sunlight. The MZ 6100's industry leading performance is enhanced by an Auto Setup function, 20 zones, and tamper proof circuitry. Operator adjustments are simple, thanks to the unit's intuitive menu design and slider bar feature.

Standard Programs	Over 15 application programs included
Sensitivity	Up to 200 distinct sensitivity levels
Zone Indications	20 zones
Overhead Control Unit	All electronics—LED, alarm light, bar graph, control touch pads—integrated to eliminate exposed wires, tampering.
Tamper-Proof Settings	Three levels of access control
Self Diagnostic Program	Complete and automatic
Zone Sensitivity Boost	20 Independently adjustable boosts
Battery Packs <i>(optional)</i>	1.5 amp-hour and 14 amp-hour lithium battery modules provide typical 1 hour or 10 hour operation times—integrated to eliminate exposed wires, tampering.
Warranty	24 months, Limited Parts/Labor
Passageway Interior Size	Width 30" (0.76 m) Height 80" (2.03 m) Depth 23" (0.58 m)
Overall Exterior Size	Width 35" (0.90 m) Height 87" (2.21 m) Depth 23" (0.58 m)
Shipping Size	Width 35.5" (0.90 m) Height 91.5" (2.32 m) Depth 6.25" (.16 m)
Shipping Weight	151 lbs. (68.5 kg)
Temperatures	Operating: -4° F (-20° C) to +140° F (60° C) Humidity to 95% non-condensing Storage: -40° F (-40° C) to 158° F (70° C)
Power	Fully automatic 100 to 240 VAC, 50 or 60 Hertz, 40 watts; no rewiring, switching or adjustments needed.
Regulatory Information	Meets Electrical Safety and Compatibility Requirements for CE, FCC, CSA, IEC, ICNIRP, IEEE. Additional certifications pending.
Weatherproofing	Meets IP 55, IEC 529 Standard for moisture, foreign matter protection
Construction	Attractive scratch and mar-resistant laminate. Detection Head and Support: heavy duty aluminum.
Control Outputs <i>(optional)</i>	Module connector via RS 485 cable provides NO/NC relay contact using Relay Module
Remote Control <i>(optional)</i>	Desktop Remote Control with Zone Indication and/or via network with IoT Control Module (iC Module).
Networking <i>(optional)</i>	Manage individual or groups of walkthroughs and perform statistical analysis of throughput using iC Module.
Random Alarm Feature	Adjustable from 0 to 100 percent.

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### Suggested MZ 6100 Accessories:

Product Description	Part No.
Lithium battery module, 1.5 AHr	1171300
Lithium battery module, 14 AHr	1171400
Relay Module	1171200
iC Module (Wired)	1171500
iC Module (Wireless & Wired)	1171600
IR remote control	1169500
Desktop Remote Control	1171100
Caster system	1169101
Adhesive floor mount kit	1604101
Zone Indicator Set, Panel B	1171700
Provides pacing light and zone indicators on entry and exit sides of both panels. Factory installation recommended.	



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