

## WTD - SG -12 Z

High Performance Multi-Zone  
Walk Through Metal Detector

WTD-SG12Z is a high performance twelve zone walkthrough metal detector. Each detection zone functions as an independent detector and automatically increases discrimination by reducing the cumulative signal effect caused by distributed harmless objects.

A full-height light bar displays the location of the detected metal masses in transit. This results in rapid identification of threat and a reduction of manual searches.

LED bar-graph, indicator lamps, sensitivity and alarm controls are provided in the console at the top of the door frame.

Only components of the highest quality and proven reliability are employed in the manufacture of WTD-SG12Z to ensure a long, trouble-free life. A mother board system with plug-in cards is employed for minimum down time and ease of serviceability.

we **SECURE** life



- Reliable microprocessor based design
- 12 zone detection for precise target location
- Individual zone sensitivity adjustment
- Intelligent traffic counter
- Wireless remote control
- Password protection
- Internal battery backup of over 12hrs
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ISO 9001:2008 CERTIFIED



**DETECTION ZONES:**

12 overlapping detection zones.

**SENSITIVITY:**

200 sensitivity levels for precise detection of target objects.

**CALIBRATION:**

Automatic calibration. No initial or periodic calibration necessary.

**INDICATORS:**

- a) Adjustable audio indication
- b) Composite zone indicator
- c) LED bar graph signal strength indicator
- d) High bright LED zone display on front & back of side panels
- e) Large LCD display for counting and message annunciation.

**INTERFERENCE REJECTION:**

High immunity to external electrical interference, such as x-ray machines, Computer or CCTV monitors detected.

**MEMORY:**

Parameters stored in non-volatile RAM so no loss of settings as a result of power failure or turning off the unit.

**TRAFFIC COUNTER:**

Microcontroller based intelligent LCD counter to indicate in, out and algebraic sum of the traffic.

**POWER SOURCE:**

SMPS 90-270V AC & 12V/7AH battery seamless battery changeover in case of mains failure Batteries are internally & automatically charged during operation.

**BATTERY BACKUP:**

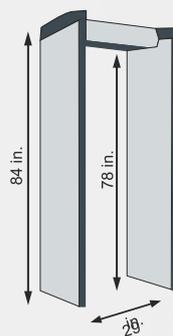
Integral 12V 7AH chargeable battery with built-in charger to cope with power failures of over 12 hours.

**CONSTRUCTION:**

Rugged structure made of detachable laminated side panels for ease to install & transportation.

**WEIGHT:**

70 Kgs (Approx)



# SAFEGATE-12Z

Authorised Dealer: