



## WTD-SG-16Z

### High Performance Sixteen Zone Walk Through Metal Detector

WTD-SG-16Z is a high performance sixteen 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 SAFEGATE 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
- 16 zone detection for precise target location
- Built-in battery backup of over 12hours
- Intelligent traffic counter
- Access to programming protected by password
- Low field strength - no affect on pacemakers and magnetic media

#### SENSITIVITY:

250 sensitivity levels for each zone for precision and uniform detection of target objects.



ISO 9001:2008 CERTIFIED

**CALIBRATION:**

Automatic and manual calibration. No initial or periodic calibration necessary.

**DETECTION ZONES:**

16 overlapping detection zones.

**INDICATORS:**

- a) Adjustable audio indication.
- b) LED bar graph signal strength indicator
- c) High bright LED zone display
- d) 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

**PASSWORD PROTECTION:**

4 digit alpha numeric password protection to prevent tampering of settings

**TRAFFIC COUNTER:**

Microcont roller based intelligent LCD counter to indicate

in, out and algebraic sum of the traffic. It also keep a track on number of Alarms and Alarm percentage.

**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 rechargeable Battery with built-in charger to cope with power failures of over 12 hours

**CONSTRUCTION:** Rugged structure made with detachable side panels for ease to install & transportation

**TEMPERATURE:**

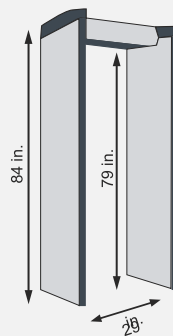
-20Deg C to +55Deg C & humidity of 95% non-condensing

**WEIGHT:**

70Kgs (Approx)

**PC CONNECTIVITY (Optional):**

Ethernet based PC connectivity for remote programming & monitoring



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