



WTD – SG -33Z

High Performance 33 Zone
Walk Through Metal Detector

SAFEGATE is a high performance thirty three 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
- 33 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



ISO 9001:2008 CERTIFIED

SENSITIVITY:

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

CALIBRATION:

Automatic calibration. No initial or periodic calibration necessary.

DETECTION ZONES:

33 overlapping detector zones. Detects ferrous and non-ferrous.

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

TRAFFIC COUNTER:

Microcontroller 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:

Weatherproof rugged structure made with detachable ABS laminated side panels for ease to install & transportation. ABS plastic boots for panel protection

TEMPERATURE:

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

WEIGHT: 70Kgs (Approx)

PASSWORD PROTECTION: Password protection to prevent tampering of settings



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