



(Dual Zones)

Dual Zone is industry's first low cost dual-zone walkthrough metal detector. It has been developed to detect clandestine ferrous and non-ferrous metals on the body of a person when asked to pass through the doorframe. It is also equipped with an intelligent LCD counter to indicate the IN, OUT and algebraic sum of the traffic passing through the door frame.

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 downtime and ease of serviceability.



- Intelligent microprocessor based design
- 2 zone detection for target location provides higher throughput
- Adjustable zone sensitivity adjustment
- Ignores external metals
- Walk and Stop indicators to regulate traffic
- Auto calibration - Does not require zero adjustment
- Piezoelectric beeper for indication of metal
- Intelligent traffic counter for distinct indication of entry, exit and algebraic sum
- SMPS power supply for use with 90V to 270V with Internal battery backup
- Built in full-function battery back
- Rugged laminated structure

SENSITIVITY:

100 sensitivity levels for precision detection of target objects

CALIBRATION:

Automatic calibration. No initial or periodic calibration necessary

OPERATING PRINCIPLE:

Continuous Wave

INDICATORS:

- a) Adjustable audio indication.
- b) LED bar graph signal strength indicator
- c) Large LCD display for counting and message Annunciation 14.4V.

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 10 hours

CONSTRUCTION:

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

WEIGHT:

70 Kgs (Approx)



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