

WTD-SZ-DZ

Dual Zone
Walk Through Metal Detector

WTD-SG-DZ 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
- Unique dual zone detection
- Adjustable zone sensitivity
- Walk and Stop indicators to regulate traffic
- Auto calibration - Does not require zero adjustment
- Piezoelectric beeper for indication of metal
- Intelligent traffic counter
- SMPS power supply for use with 90V to 270V
- Built in full-function battery backup

**SENSITIVITY:**

200 sensitivity levels for precise 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) 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 10 hours.

CONSTRUCTION:

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

WEIGHT:

60 Kgs (Approx)

Warranty: 1 year on parts and labor.

Authorised Dealer:



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