Product Name	Walk Through Metal Detector
Model No.	CINT/ SAFEGATE -2Z
Description	SAFEGATE is a microcontroller based dual zone walk-through 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 back-lit LCD counter to indicate the IN, OUT and algebraic sum of the traffic passing through the door frame. 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 downtime and ease of serviceability. A full-height light bar displays the horizontal location of the detected metal masses in transit. This results in rapid identification of threat and a reduction of manual searches. • Quick installation - no training required • Automatic zero adjustment • Ignores external metals • 100 levels of digitally adjustable sensitivity control • 10 levels of digitally adjustable volume control • 10 step bar-graph indicator • Intelligent counter for distinct indication of entry exit and algebraic sum • Piezoelectric beeper for indication of metal • Detects all metals, alloys and ferrites

Specification

Operating Principal	Continuous Wave
Power Source	90-270V AC and 12V/7AH Battery Seamless battery changeover in case of mains failure Batteries are internally and automatically charged during operation
Power Consumption	Less than 20 Watts
Sensors	Infrared sensors are incorporated to prevent metal outside the door frame from interfering with the system and also for the purpose of algebraic counting of the traffic going through the door frame.
Electronics	The highly reliable advanced detection circuitry is housed in a rugged high impact ABS plastic case and detects all metals and alloys.

Sensitivity	100 step digitally adjustable sensitivity from Low to detect objects like grenades, Guns and Swords to High to detect objects like watches, keys etc.
Alarm Indicators	Loud piezoelectric alarm with 10 step volume control
Indicators	i) 10 STEP LED BAR level Indicator ii) Low battery indicator iii) back-lit Intelligent LCD Counter
Intelligent Traffic Counter	Microcontroller based back-lit intelligent LCD counter to indicate in, out and algebraic sum of the traffic.