



MAGTECH® Door Frame Metal Detector (DFMD) also referred as Walk-Through Metal Detector is crafted to perfection that scans people-kind for metal objects being carried by them. The DFMD comes in Single-zone detection and Multi-zone detection. Nowadays, it is to ensure un-authorized Multiple Metal Targets, various weight, size and shape such as knife, blades, pistols, mobile phones etcetera being carried into or out from a facility.

These detectors are highly precise in multiple metal targets, various weight, size and shape detection and designed in such a way to get rid of false alarm (rate less than 1%). In-addition to the standard detections, the detector can integrate with a PC to generate log reports and to any barriers to trigger Open/Close commands (Customised features). These detectors can be deployed in application either Indoor or Outdoor (under a canopy).

DFMD produce alerts as visual indication (LEDs on door frames) and buzzer alarms. The system has intelligent Traffic Counter (In & Out)-4digit each, it shows number of passenger' s based on entry/exit.

NABL certified on 30+ environmental tests viz. High & Low temperature tests, Damp heat test, and 30+ safety tests.

SPECIFICATIONS

Model No	MT-VIC
Zone	Multi Zone - 18
Construction of material	Wooden Laminated Frame
Frame Dimension	OD: 2253 H x 860 B x 570 D ID: 2000 H x 720 B x 570 D
Power Supply	230 V AC ($\pm 10\%$), 50 Hz ($\pm 3\%$)
Power Consumption	Less than 40 Watts
Alert mode	Visual & Audio alarm (Volume adjustable)
Detection of Material	Ferrous & Non-Ferrous
Sensitivity	0 to 999
Calibration level	Manual & Automatic
Reset time	<3 sec
Application	Indoor/Outdoor (Under Canopy)
Pass Count	4 Digit (IN, OUT)
Radiation Control	Dfmd is not affected by infrared, ultraviolet, RF or electromagnetic radiation
Working Temperature	-25°C to 55°C
Humidity	90% non condensing
Static metal compensation	Using digital filtering through the signal processor, operating frequencies are automatically adjusted to allow multiple security gates to stand side by side with only 1 foot of spacing. DFMD will not detect immovable materials like metals and alloys.
Interface rejection	The DFMD will not raise alarms spuriously due to the presence of radios, portable telephones, walkie-talkies located at a distance of 1 meter or more from the archway. Additionally, moving metal objects beyond 1 meter from the detector will not affect the performance of the DFMD.
Enclosure Rating	IP65
Battery Backup	12V DC upto 6 Hrs
Weight of the product	50 Kgs

Features

Self-test at boot
Bar Display
Password protected
Sensitivity adjustments
Uniform sensitivity
Uniform detection from top to bottom
Performance is independent of speed of person
Frequency adjustments
Tamper-Proof: Password protected
Automatic sync with nearest DFMD
Discrimination between metal objects
Will not detect the immovable objects near DMFD
Harmless to pregnant women, pacemakers, storage devices
The control panel should be lined with rubber bidding for environmental protection.
Harmless to Magnetic media, electronic device and film
LED on the Front side of door frames (Entry)
Extremely high-sensitivity to detect tiny threats
Pin-point detection corresponding to people height
Standard test pieces given Brass, Copper, Aluminium, stainless steel, mild steel.

Certifications & Safety Indexes

ISO, NABL, CE, FDA, RoHS, FCC, QCI, NSIC, EN Standards.

DIMENSIONS

