



WALK THROUGH METAL DETECTOR (SINGLE ZONE) MODEL: 105 EA

A Single Zone Walk Through Metal Detector - 105 EA treats the entire frame as one detection area. If it senses metal, it only indicates presence.

Ideal Applications

- Commercial Buildings
- Public Events & Gatherings
- Retail Stores
- Schools & Universities



BASIC DETECTION

Reliably detects the presence of metallic objects as individuals pass through the detector. Triggers an immediate alert to notify security personnel for prompt action. Provides perfect balance of **affordability, reliability, and simplicity** in a single solution.

AUDIO AND VISUAL ALARMS

Equipped with audible sound alerts and bright light indicators upon detection. Ensures clear and immediate notification for quick identification and response by security personnel.

SIMPLE INSTALLATION

Designed for quick and easy setup without complex configuration. Can be conveniently installed at entrances to ensure immediate and effective security screening.

RAMP FACILITY

Ramp provided over the floor panel and covered with high-quality synthetic carpet. Ensures long service life while offering smooth movement and protection against wear and tear.

TRAFFIC COUNTER

The DFMD has sensors that detect when someone walks through. Alongside metal detection, the traffic counter shows total footfall count. Security teams can monitor how many people have entered or exited a venue. This helps avoid overcrowding and ensures compliance with safety limits.

MODEL: 105 EA

| Sr. No. | Parameters | Particulars |
|---------|---|--|
| 1 | Operating Principle | Eddy current |
| 2 | Signal Processing | Microcontroller based with I2C interface |
| 3 | Construction | Attractive scratch & Mar-resistant laminated panels & Control Unit, ramp over the floor panel covered with synthetic carpet for long life. |
| 4 | Audio Frequency | Approx. 1Khz |
| 5 | Dimension | Passage Clearance (H x W x D) 1900 x 685 x 300 (mm) Arch Assembly (H x W x D) 2110 x 850 x 610 (mm) |
| 6 | Weight | 45 kgs. (Approx.) |
| 7 | Power Supply | 240 VAC +/- 10%, 50 Hz |
| 8 | Battery Backup with Low Battery Indicator | Optional |
| 9 | Alarm | Acoustic and optical alarm (Metal Level Indicator) |
| 10 | Calibration | Manual and Automatic. |
| 11 | Sensitivity | Wide range of sensitivity setting and fine tuning, Sensitivity Settings (0-9 steps) |
| 12 | Zones | Single zone |
| 13 | Metal Level Display | 12 level of Bar-graph |
| 14 | Metal Level Display on LED | 3 LED lights (programmable) to display volume of metal |
| 15 | Operating Temp. & Humidity | -20°C to +65°C with Humidity 95% (non-condensing) |
| 16 | Traffic Flow Control | WALK (Green) & STOP (Red) Indicator at the entry side |
| 17 | IN and OUT Counter Simultaneous Display | 6 digit IN and OUT Counter for Incoming and Outgoing traffic (000000 to 999999) |
| 18 | Certifications & Compliance | <ul style="list-style-type: none"> In Compliant with the applicable National/International standards for Electrical safety and EMC. Compliant with applicable electromagnetic standards on human exposure and pacemaker safety |

Product specifications may be changed without prior notice for improvement in quality and performance.

