WALK THROUGH METAL DETECTOR (MULTI ZONE) MODEL: 106F

- Engineered for uncompromising precision in high-security environments.
- Powered by advanced microcontroller-based technology,
- Safety is at the heart of the design.
- Fully complies with **IEC-61010-1 electrical safety standards** and **CE-certified**
- Test certifications issued by **NABL-accredited** lab in India
- Unaffected by Infrared, UV, RF, or electromagnetic radiation

Ideal Applications

- Government Premises
- Airports, Railways & Metros
- Law Enforcement
- Malls & Retail Outlets
- Public Events
- Schools & Universities
- Hospitality

TAMPER PROOF

Designed with secure construction to prevent unauthorised access or tampering. Ensures consistent and reliable operation, always maintaining the integrity of the security system.

EASY ASSEMBLY

Designed for quick and straightforward installation with minimal tools or technical expertise, allows for rapid deployment, ensuring the system is operational in a short time.

DUAL-SIDE LED ZONE INDICATORS

Equipped with LED indicators on both sides to provide clear visual identification of detected zones. Allows security personnel to quickly and accurately assess the location of metallic objects for prompt action.

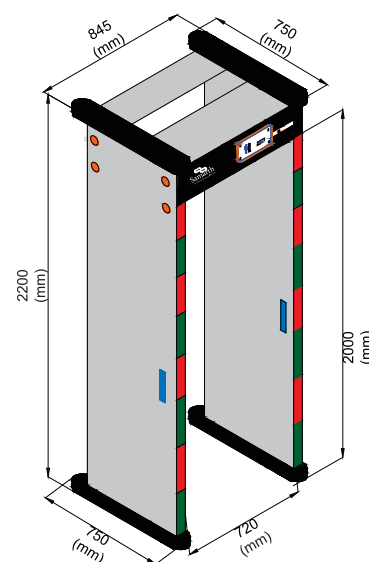## INDIVIDUALLY ADJUSTABLE DETECTION ZONES

Each detection zone can be independently calibrated to suit specific security requirements. Provides precise detection control, enhancing accuracy and reducing false alarms in diverse operational environments.

HUMAN GEOGRAPHICAL ZONE INDICATOR

Accurately identifies the specific location of metallic objects on a person's body. Enhances pinpoint detection, enabling security personnel to respond quickly and efficiently.

MODEL: 106 F

Sr. No.	Parameters	Particulars
1	Operating Principle	Transmitter and Receiver based
2	Signal Processing	Microcontroller based with I2C interface
3	Construction	Durable scratch and mar-resistant laminated panels & heavy-duty cross piece Control Unit for ultimate stability
4	Dimension Passage clearance: Arch assembly:	2000 × 720 × 750 mm (H x W x D) 2200 × 845 × 750 mm (H x W x D)
5	Weight	80 kgs. (Approx.)
6	Power Supply	240 VAC ±10%, 50 Hz
7	Alarm	Acoustic and optical alarm, height on person bar display (Metal Location)
8	Calibration	Manual and automatic by built-in keypad; all functions are programmable & controlled by microcontroller
9	Sensitivity & Threshold setting	Wide range of sensitivity & threshold setting and fine tuning, Zone-wise sensitivity setting (0–255 Steps)
10	Zones	4, 6, 8, 9, 10, 12 Zones
11	Keypad & Operating Console	Password-protected membrane keypad with Alphanumeric LCD Display
12	Metal Level Display	All the Detector Parameters like sensitivity, threshold, metal level and IN-OUT count is being displayed at a time on the LCD Display
13	Operating Temp. & Humidity	–20°C to +65°C with Humidity 95% (non-condensing)
14	Compliances	a. Compliant with the applicable international standards for Electrical safety and EMC b. Compliant with applicable Electromagnetic standards on human exposure and pacemaker safety c. Harmless to Magnetic media
15	Optional	1. Battery backup / UPS 2. LAN connectivity for Networking via TCP / IP
16	Packing Details	Panel Box - L - 91 inch, W - 31 inch, H - 13 inch Head Box - L - 32 inch, W - 16.5 inch, H - 12.5 inch

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