



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

- Provide reliable entry-point security
- Widely used in Luxury Hotels & VIP Entrance points.
- 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 radiations

Ideal Applications

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



EASY DEPLOYMENT

Can be quickly and efficiently set up without complex procedures. Allows for immediate use, ensuring smooth operation and minimal downtime.

ULTRA-FAST DETECTION

Quickly identifies ferrous, non-ferrous, and alloy metallic objects with high precision. Ensures immediate alerts, enhancing security and preventing any potential threats from passing through.

ANTI-INTERFERENCE DIGITAL FILTERING TECHNOLOGY

Utilises advanced digital filters to minimise external electromagnetic and environmental interference. Ensures accurate and reliable detection of metallic objects even in challenging or high-noise environments.

EFFICIENT SECURITY SCREENING

Streamlines the process of detecting metallic objects, allowing for faster and more organised screening. Enhances overall security while reducing delays and ensuring smooth flow of people through checkpoints.

LED INDICATORS AND AUDIO ALARMS

Equipped with bright LED lights and clear audio alerts for immediate detection of metallic objects. Enables security personnel to quickly identify and respond to potential threats, ensuring effective monitoring.

LIGHTWEIGHT AND PORTABLE

Designed for easy transport and setup, making it ideal for both temporary and permanent installations. Allows for flexible deployment without compromising on performance or security effectiveness.

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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 & inbuilt Control Unit
4	Dimension Details	2210 x 645 x 425 mm (H x W x D)
5	Weight	40 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 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	Human Geographical Zone Display	Human geographic zone indicator for pinpoint detection
15	Compliances	<ul style="list-style-type: none"> 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

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

