

# SINGLE POLE METAL DETECTOR (6 ZONE)

## INSPECTION CONTROL SYSTEM



### Features

- 6 zones to detect metal objects.
- Alerts security personnel of detected metal objects.
- Can detect small metal objects and weapons with high accuracy.
- Advanced algorithms digital signal processing minimize false alarms.
- Backed by double infrared detector, digital circuit design, anti-interference.
- Easy to move and set up, making it suitable for temporary or permanent installations.

### Overview

- A Single Pole door frame metal detector is a security device used to screen people for metal objects as they walk through the detector. It is commonly used in airports, courthouses, and other high-security areas to detect weapons and other prohibited items.
- The device uses electromagnetic fields to detect metal and emits an alarm if a metal object is detected

### Benefits

- Offers effective and reliable screening for potential security threats.
- Helps prevent dangerous objects from entering high-risk areas.
- Discourages individuals from attempting to bring prohibited items.
- Built with high-quality materials to handle heavy traffic.
- Adjustable sensitivity and other settings to suit various security needs.
- Easy to use and operate, with minimal training required.

# Single Pole Metal Detector

Technical Parameter	
Dimension	Approx. 2210mm (h) × 710mm (w) × 510mm (d) ±10%
Weight	Net Weight: 24kg Approx. Gross Weight: 30kg Approx.
Power	220V ±10% VAC 50/60Hz
Humidity	95% Non-condensing
Work Place Environment	-20°C to 65°C
Input	AC 100V–240V / 50Hz–60Hz

## Characteristics & Functions

- 6 zones to precisely identify locations horizontally LED Display for visualization.
- Operating Frequency can be adjusted manually or automatically
- Working frequency (0~99), with adaptive function according to the working environment.
- Move after folding or installation
- Detection technology: Even Detection technology, no blind spot.
- Multi-alarm sounds to choose. (Different sound)
- Alarm time can be adjusted.
- Sensitivity Level: 0~400
- Alarm & Pass Counter.0~99999.
- Zone detection shows LED indication on both sides (left & right) of DMFD.
- LED Bar on panel indicating volume of metal upto 6 stages.
- Detect all types of Metal
- Password protected for better security.
- Harmless to human body (Heart Pacemaker, Pregnant Women, Magnetic Floppy, Recording Tape etc.)



Smart Suraksha Suite



Shoe Scanner

# SPECIFICATION

- Size : 533\*420\*175mm (L\*W\*H)
- Power supply : Type-c interface, 5V power supply
- Battery function : built-in 5000ma battery
- Detection distance : 1 ₹ coin with the  $10 \pm \text{cm}$
- Detection area : inside shoes
- Alarm indicator light : green flashing when no metal is detected, red flashing when metal is detected  
(independent alarm lights for left and right shoe)
- Control four buttons : PROG, UP, DOWN, and ENTER
- Safety features : waterproof, anti-slip
- Alarm mode : Sound and Light alarm
- Detection objects: blades, clips, miniature pistols, detonators, lighters and other dangerous objects.

# FUNCTIONS

- Quickly detects all kinds of dangerous items hidden in the soles of shoes.  
For example: small blades, small saw blades, hairpins, nails, various precious metals.
- Can be used in conjunction with walk through metal detector and hand-held metal detectors for efficient and comprehensive security checks.
- Alarm indicator light: green flashing when no metal is detected, red flashing when metal is detected.
- Independent alarm lights for left and right shoe
- High-sensitivity detection (can detect ₹1 coins within a height of  $10 \pm \text{cm}$ )
- Strong anti-interference ability (the frequency of use is adjustable and does not interfere with the security gate), and alarms for distinguishing the amount of metal (The greater the amount of metal, the higher the alarm frequency)
- Passenger security checks at airports, stations, customs, electronic factories, factories, etc

# Alarm Function:

In the absence of strong electromagnetic field interference in the surrounding environment, when the detected person weighs more than 10kg, and the metal object carried by the shoe sole is within the detection range of the shoe scanner, the scanner should be able to issue sound and light alarm. Green flashing when no metal is detected, red flashing when metal is detected (independent alarm lights for left and right shoe).

# Professional Breath Analyzer:

- Inbuilt GPS (Optional)
- Camera System
- Upto IP65 (Optional)
- Inbuilt Thermal Printer
- Active and Passive Mode
- Sturdy Carrying Briefcase
- 3.2 inch Color Touch Screen
- Fuel Cell Sensor - for Accuracy
- Supports 4G, Wi-Fi, USB, Bluetooth (Optional)
- Mouthpiece with Anti- backflow Design for Health and Safety



The Breath Alcohol Analyzer is a handheld law enforcement instrument for use as preliminary roadside screening tests of alcohol influence used for evidentiary purposes, the results of which are used for prosecuting traffic offenders. Based on the principle of fuel cell technology, the device checks with reliable accuracy with touch screen.

# Specifications

Device		Indications	Over Range, Low Battery
Sensor Type	Fuel cell sensor	Camera	8MP , 5MP (Optional)
Measurement mode	Active and Passive Mode	Specification	
Units	%BAC, ‰BAC, mg/L, g/L, mg/100ml,mg%	Power	Rechargeable Battery and 12V DC Power
Measurement Range (BAC)	0-600 mg/100ml	Dimension (LxWxH)	190mm*43mm*82mm
Accuracy	±3% (0-0.600mg/l)	Weight	309g Including Printer
	±5% (0.600-1.000mg/l)	Battery	7.4V Li-ion 2500 mAh Li-ion Rechargeable Battery
	±20% (1.000-2.000mg/l)	Battery backup time	25 hours
Network Connectivity	USB, Wi-Fi, Bluetooth, 4G (Optional)	Charging Time	4 hours
Input mode	3.2 inch touch screen with 2 Main Keys + Multi-Function Digital Keyboard	Warm-up Time	7 seconds
Environment		Sample taking Time	3 seconds
Operation Temperature Range	-30 to 60 °C	Response Time at 0 level of Alcohol	3 seconds
Storage Temperature Range	-30 to 70 °C	Response Time at positive result	5 seconds
Barometric Pressure Range	upto 1300 millibar	Recovery Time	1 seconds
Relative Humidity During Operation	95%	Printer	
Features		Printer	In-Built Thermal Printer
Power Save Mode	Yes	Paper	Standard 57mm paper roll
Software Management	Yes	Print resolution	300 dpi
Sensor Calibration	12 months		
Mouthpiece	Easily Replaceable Pipe		
Records Memory capacity	1,00,000		
Drift in 6 months period (mg / 100 ml BAC)	<1.0%		