



Walk Through Metal Detector **VET-1804S -18 ZONE**



1 Introduction

Walk through metal detector adopts international advanced metal detection technology, specially designed for detection of metal and alloy objects hidden in human body, with high security, high applicability, high sensitivity, self-adaptive adjustment sensitivity, wide detection range and strong anti-interference ability, capable of 24 hours of intelligent service, and be able to sound when alarm, in quality, effect and technical parameters reached the world leading level.

The sensitivity can be adjusted, it can detect the very small metal with the same small size as paper clip's, and it can distinguish the metal hidden location; the user can do settings for the detection metal according to its size, volume and weight etc., so as to exclude the false alarm resulting from coins, keys, jewelry and belt buckle etc..

For places to prevent loss of precious metal objects such as industrial and mining enterprises, banks, private homes and other places where need walk through metal detector, and places where prevent carry dangerous metal objects, such as the airport, customs, prisons, exhibition hall etc..

2 Operating environment

1. Environment temperature: $-20\sim+45^{\circ}\text{C}$ no condensation
2. Storage temperature: $-20\sim+60^{\circ}\text{C}$ no condensation
3. Humidity: $20\%\sim95\%$
4. The installation location should be far away power line and communication cable.
5. There should be no large metal objects or strong magnetic field within 2 meters of the metal detector door.
6. This product is indoor use, if it is necessary to be installed outdoors, it should be equipped with rainproof shed or other anti-rain and sun block protection facilities.
7. Modular design for Quick and easy Installation

3 Features

1. Both the module application and the settings adopts digital signal control.
2. 18 Zone pinpoint Detection with Panel LED Indicator light
3. Sensitivity can be adjusted according to the sample.
4. Use LED side diffusion alarm method, can distinguish the metal size.
5. People Counting: Built In IR for people Counting , Alarm Counter, Pass Counterr
6. Strong and weak indicator light can automatically check the surrounding environment.
7. 7-inch big LCD color screen with graphic operating interface.

Technical specifications

- ✧ Power Supply: AC85 $\sim$ 264V/50Hz.
- ✧ Power: $\leq 10\text{W}$ low power consumption, low radiation., Operates on Safe Low voltage Power System
- ✧ Standby: Only turn off the screen display, press the button or infrared in the standby mode to wake up.
- ✧ Sleep: When the standby time is less than 10 minutes, sleep after 1 hour, the standby time is more than 10 minutes, and sleep after 6 times standby time. In the sleep state, the CPU works, other power is off, short press the switch button to wake up.
- ✧ Frequency: 100 frequency bands, self-adaption when boot (ADJECTABLE).
- ✧ Working environment: $-20^{\circ}\text{C} \sim +45^{\circ}\text{C}$.
- ✧ System detection: detect whether there is a fault in the system.

- ✧ Alarm query: can check the alarm record according to the date time, and the indicator light shows each alarm location information.
- ✧ Alarm function: sound and light alarm simultaneously, support record max 99999 alarm times.
- ✧ Alarm: 10 different alarm tones with 10 volume levels with mute mode with adjustable alarm time
- ✧ Sensitivity adjustment range: 1000 levels sensitivity adjustable, 0~999 level.
- ✧ 15 built in user level with separate configuration,
- ✧ Environmental Interference: Display of Anti-interference force: digital circuit design, anti-omission of report, infrared anti-disturbance, and with strong anti-interference ability.
- ✧ Application: high – middle and low sensitivity adapts to all security check site quick debugging.
- ✧ Backup power(optional): battery power will not be less than 8 hours.
- ✧ Partition function: 18 zones, can be randomly divided to accurately determine the location of the location of metal objects.
- ✧ Fixed ID: each product has a fixed ID number.
- ✧ IR : Multiple IR detections
- ✧ Multilingual display: can choose the appropriate language as needed.
- ✧ Calendar: can display Year, Month, Day, Hour and Minute.
- ✧ Manage encryption: effectively prevent data from being illegally modified or mis-operated, which may result in abnormal work.
- ✧

Main Function

Installation

Chart 2

- I. Main control box: Built-in the power supply unit, control unit and display unit, it is the core module of the system.
- II. Left door plank and
- III. Right door plank: Provide external power access to the product, responsible for the safety detection and alarm of the left and right area.
- IV. Detection channel: For the passengers need to be detected walk through.
- V. Remote control unit: Use for metal detector door debugging

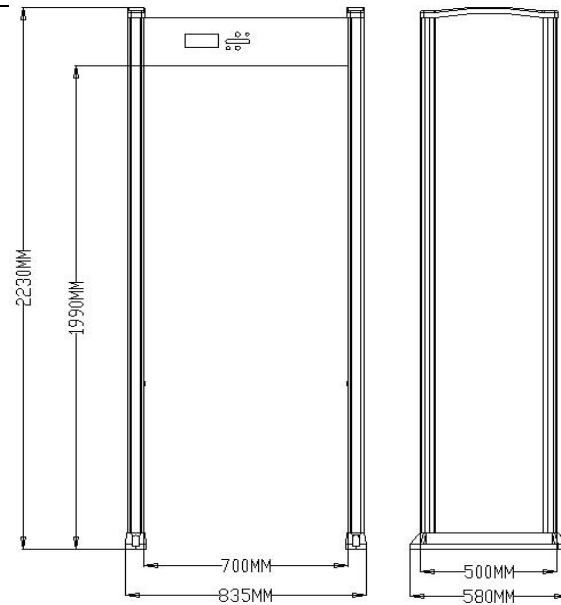


Chart 23

Channel size: 1990(H)×700(W)×500(D) mm

Product dimensions: 2230(H)×835(W)×580(D) mm

Weight: about 55KG

Package: 2pcs

Main control box size: 760(L)×390(W)×280(H) mm

Door plank size: 2350(L)×650(W)×190(D) mm

Door plank package box size: 2350(L)×650(W)×190(H)mm

packing list

- Main chassis x1
- Hex x1
- Left door panel x1
- Manual x1
- Right door panel x1
- Certificate x1
- Power cord x1
- Screw sets x 8
- Remote control x1