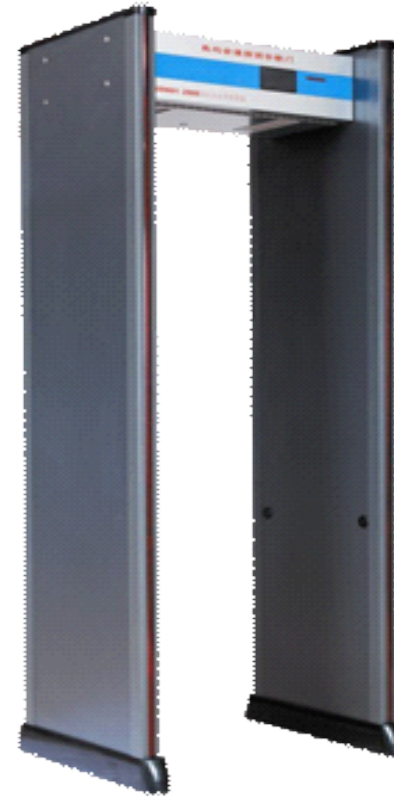


Metal Detector



Please read instructions carefully before using the product and reference future.

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Note

- 1.This product is only suitable for indoor use. If using outdoor, please equip with rain and sun protection device to make sure the probe is not used under the high temperature and humid environment.
- 2.No big metal object, such as power equipment with strong magnetic field within 1.5 meter near the probe, which would have impact on the door's normal operations.
- 3.The installation sites should be far away from the places with many electrical device and equipment to avoid the interference with the same frequency.
- 4.When passing through the door, humans should not collide the door body and walking speed should not be too fast, one person/ second would be ok.
- 5.No water or wet wipes to wash the door, clean the door with a cotton cloth in alcohol.
- 6.High voltage in the mainframe box, non professionals should not open the equipment with permitted.

Disclaimer

- 1.The manual preparation process seek to accuracy and complete of the content, but can not guarantee that the instructions did not any omissions or explain errors.
- 2.The Company reserves the revise right of the products' software or hardware need not be declared.
- 3.The Company reserves the final interpretation of the manual.

Standard

- A. Complying with the current national standard GB15210-94 of through type metal detector.
- B. Implementing the EN60950 safety standard of Electrical appliance, complying with Gb2423.
- C. About radiation, implementing EN50081-1 and GB6833.
- D. About anti-interference, implementing EN50082-1 and Gb6833.
- E. About Electrical insulation and dielectric strength, implementing Gb10408.

Relevant parameters

Operation Voltage: AC220V 50/60Hz

Power: ≤ 35 W

Signal Frequency: 6-9 KHz(adjustable)

Operation Temperature: -20 °C to 50°C

Working humidity: less than 100% does not occur condensation.

Package Weight: about 90kg

Overall dimension: 2200mm *750mm × 500 mm

Channel Size: 2000 mm *700 mm *500 mm

Product Description

Through type metal detection door is a kind of inspection equipment with fixed installation, referred as walkthrough metal detector, mainly used to check metal object hidden in human body. When humans with metals pass through the equipment, the door would alarm and show the alarm zones if the weight, quantity and shape of metal exceed the presetting figures of the door. It is good for security officers' checking for the prohibited items.

Application sites of Walkthrough Metal Detectors

1. Political Law Enforcement Agency: Public Security, procuratorate, court, adjudication division, Jail, Work Camp, detention house, etc where need checking prohibited metals.
2. Social Public Places: Sports Field, entertainment, airport, Customs, Bank, Exhibition Hall, Museums, etc for security check.
3. Production Enterprises: factories of Electronics and hardware, etc to prevent the loss of values. (Hand-held metal detectors can be used for above occasions, the necessary security personnel checking assistive devices.)

Technical specifications

1. Accurate position: 6 overlapping detection zones, two sides for transmitting and receiving, locating the position of metals accurately.
2. Microprocessor technology: accurate scan speed of Electromagnetic waves produced by micro-computer controller, flexible, reliable and steady sensitivity settings.
3. Complex circuit design: scattering infrared devices, computer automatic identification, can effectively reduce false and omissions.
4. Digital Pulse Technology: with digital signal processing filter systems, have excellent anti-electromagnetic interference capability.
5. Adjustable Sensitivity: 0-99 sensitivity level can be adjusted independently in each detecting area as well as the overall sensitivity can be adjusted.
6. Password protection function: the system parameter and sensitivity can be changed only by entering the correct password set by the users. Password is four-digits, the user can set the password by yourself.
7. Application of modular design: easy installation, ruling out mistakes easily.
8. Strong anti-collision capacity: strong ability of collision resistance and crashing when no humans passing through the door, which keeps it from external impact when in normal operation.

Adjustment method

In order to prevent small pieces of metal objects like ring, key and so on impact the actual metal. The adjust method as follows:

1. Choose a small metal as sample, the sample is the limited we needn't detect, for example a bunch of keys.
2. Adjust high sensitivity, let metal sample pass through walk through metal detector and alarm.
3. Reduced sensitivity properly, the metal sample pass through the walkthrough metal detector once again. If the door still alarm, reduce the sensitivity once again until the metal sample passed does not alarm. (Six zone and each zone have 100-level sensitive procedures).

Please remember: If you reduce one zone sensitivity, you should reduce the whole door sensitivity. The 9 zone (that is adjust whole sensitivity) through the above adjust small metal sample, the metal is smaller than the metal sample pass through the walkthrough metal detector will not alarm and bigger than the sample will accurate detection. (Note: The walkthrough metal detector with automatic save setting data function, security officers according to actual situation setting the location value, once confirmed, it must set the password, others can not arbitrarily change the value.)

If detected metal objects is too small, checked person need show all the metal objects, such as mobile phones, keys and all metal ornaments, or place these items in the basket near to walkthrough metal detector, then passed the walkthrough metal detector. When checked person pass through walkthrough metal detector and issued alarm, indicating he hidden metal objects, according to the location of the display can be used hand-held metal detectors accurately find the hiding place. (Tips: special enterprise users not to wear work clothes with metal parts, and select the plastic strap.)

Control panel debugging

This walkthrough metal detector with a large LCD display and the Chinese operating system, operate simple and convenient, just remember a few button functions and effect, according to tips on the screen can be easily set and operate walkthrough metal detector.

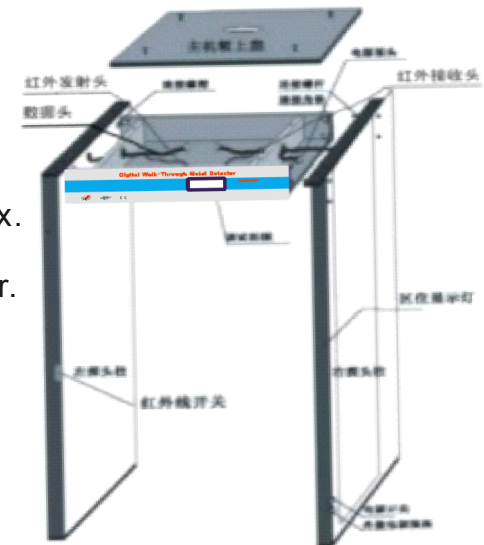
1. Turn on the power, on the left of the LCD screen display pass counting, on the right of LCD screen display alarm accounting, click the reset button and enter setting system interface, including system setting and company profile two menus.
2. Press Select button to select the System Settings, enter the sub-menu, the three sub-menu including setting sensitivity, password, and language.
3. Press set up or enter button to move the highlight up and down the corresponding sub-menu, press the select button to set specific parameters.
4. Sensitivity settings: Move the cursor to the sensitivity setting, press Select to enter, which has 7 settings item, corresponding to the walkthrough metal detector 1-7 detection area, 7zone is of whole detect area, press set up and enter move the highlight up and down, Press the select and entered the settings, then press set up and enter to change the value, when a long press these buttons, the parameter values will be the 5 times change, set up each zone and press reset button and sensitivity parameters Saved, and return other items to set, after setting and press reset button many times, walkthrough metal detector into the standby state.

9. Using of weak magnetic field emission technology: complying with current international safety standards, no harm to pace makers revolver persons, pregnant women, floppy disks, roll film, video tapes, etc.

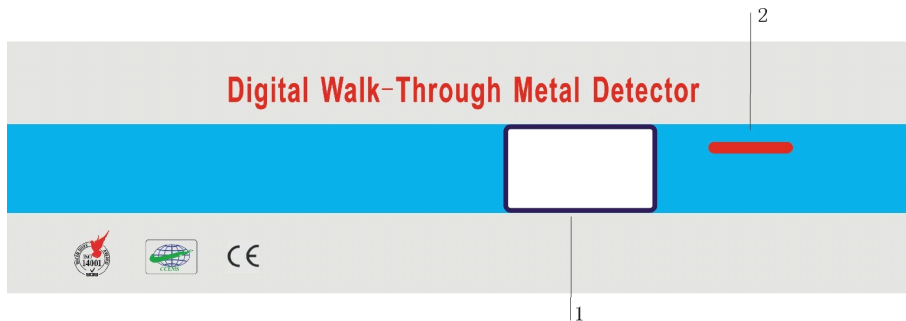
10. Use large-screen LCD display and humanist operate interface, simple operate and easy understand, quick and convenient.

Installation Steps

1. Open the top cover of mainframe box.
2. Connect the mainframe box and detection pole on both sides with connection screw and screw cap.
3. Connect the data head of detection pole on both sides (left and right) with the data line interface in both sides of motherboard (left and right) respectively. Connect the power plug with power outlet on the right detection pole.
4. Cover the head of mainframe box.
5. Connect the AC220V work power.



Display panel instruction



Indicate light description

1. On the left panel is large LCD screen display, all functions including menu and system information will be displayed.
2. LED signal indicate area, showing the sensitivity of whole machine.
3. Button operating area, setting function.

LCD screen instruction

1. Turned on, the left of LCD screen box show pass counting, range 0-9999.
2. The right of LCD screen box show alarm counting, range 0-999.

Control button instruction



1. Reset: When the walkthrough metal detector out of standby state, click the reset button on the screen to return to the system function setting. When system setting, click reset button that confirm the setting parameters, and return to previous operating menu.
2. Select: when system settings, use the select button to confirm you want to set the menu items and functions into its sub-menu to set the next level setting.
3. Set up: when menu operation, use this button to move down highlight on the screen to the desired set of projects; When entering a specific set items, press Set up to reduce the value, press set up 5 times the rate of reduction of value quickly.
4. Enter: when menu operation, use this button to move up highlight on the screen to the desired set of items: When entering a specific setting item, press Enter to increase the value, press Enter 5 times the rate of increase in value quickly.