

New Technology 5.2 V

## 2020•Zhonganxie Intelligent Chain Metal Detection System For Human Body Inspection

Metal Detection System  
For Human Body Inspection  
**INNOVATION**  
Advanced US Arsenal  
technology; unique  
exterior design; flexible  
component connection;  
simple and quick  
disassembly; excellent  
waterproof  
performance; built-in  
various detection  
procedures, to meet the  
needs of different  
occasions; simple  
operation and complete  
portability; it is a major  
undertaking of the



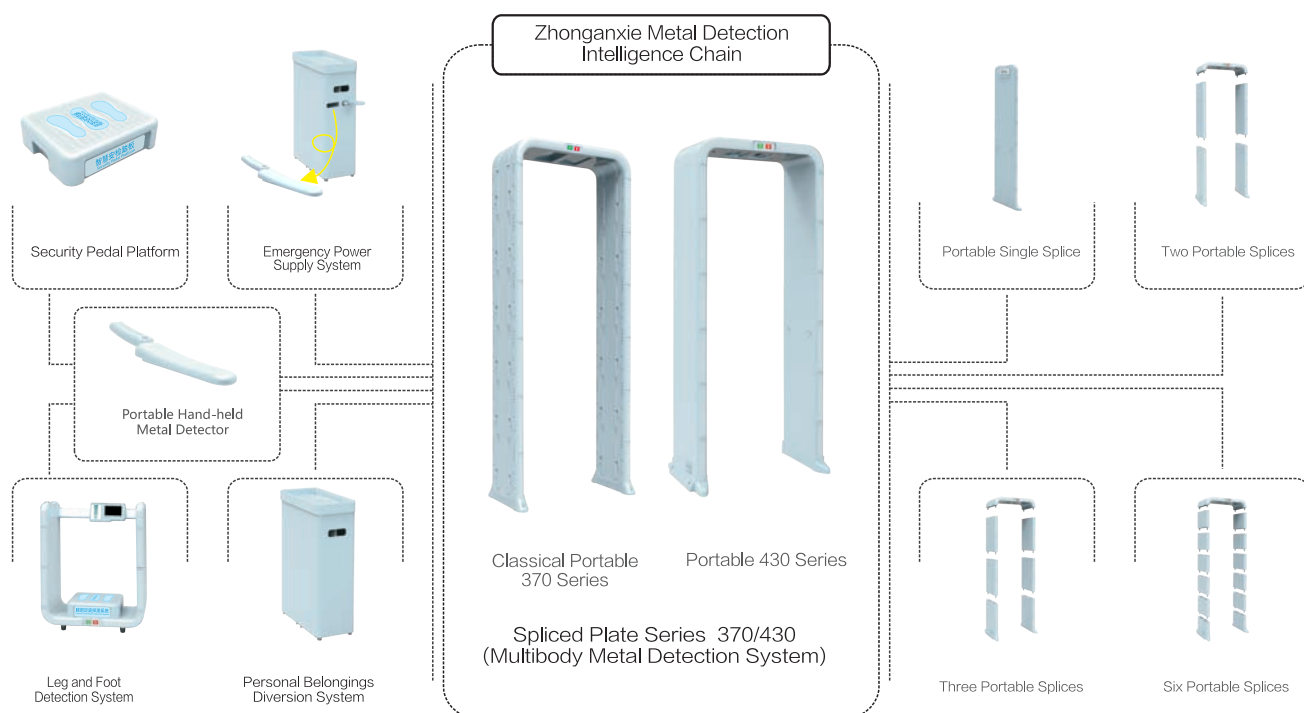
## 2020 · Zhonganxie Intelligent Chain Metal Detection System For Human Body Inspection

With the coming of 5G era, Zhonganxie becomes the pioneer of the industry, leading in the “ intelligent chain of metal detection system ” .

“ Intelligent Chain ” refers to security checks, a diversified combination of all metal detection products, connecting each security item through wire or wireless link by advanced technology and innovative ideas. Thus constructs a people oriented metal detection “ intelligent chain ” . For users, it can realize the joint use of more products just as one, making operations more easy and convenient. In this way, the users will fully experience the enjoyment brought by “ intelligent chain ” .

Centered with “ metal detection system ” , the intelligent chain can connect hand-held metal detectors, leg & foot detection system, personal belongings diversion system, emergency power supply system for metal detection system, and intelligent security pedal, also added face identification, black and white list, image capture in video stream and single image, distinguish and comparison of prohibited objects, channels release management and nuclear magnetic detection technology ” etc., making the security work more accurate, fast and easy.

## 2020 · ZHONGANXIE INTELLIGENT CHAIN

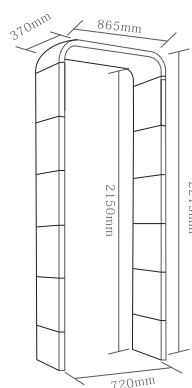


Multiple colors available



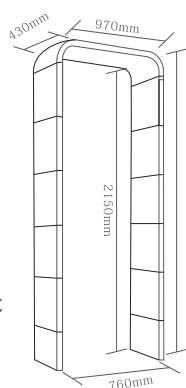
## Immersed In The Splicing Technology Field

● Adopted the splicing technology, we separate the metal detection door into 2 splices, 3 splices, 6 splices and N splices, which put an end to the traditional metal detector door structure. The concept of easy folding and packaging, transportation, storage and flexibility has been realized. In this way, the space the metal detector taken is reduced to a small size which may apply into unknown occasions.



- System Power Supply: AC90V ~ 240V 50/60hz
- Power: 15W
- Highest Sensitivity:  $\geq 0.5g$  metal
- Working Frequency Band: 1~50 frequency bands
- Net Weight: 30KG
- Vertical Dimension: 2215x865x370mm
- Product Size: 2150x720x370mm
- Working Environment Temperature:  $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$

Classical Portable 370 Series

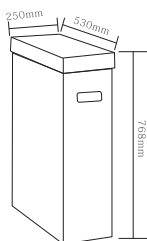


- System Power Supply: AC90V ~ 240V 50/60Hz
- Power: 15W
- Highest Sensitivity:  $\geq 0.5g$  metal
- Working Frequency Band: 1~50 frequency bands
- Net Weight: 42KG
- Vertical Dimension: 2225x970x430mm
- Product Size: 2150x760x430mm
- Working Environment Temperature:  $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$

Portable 430 Series

## Emergency Power Supply System For Metal Detection.

● Making the security work long lasting, never be disconnected (customized).



- Power Working Time: 4/8/16/24/48/72 hours (Longer battery life can be customized)
- Output Voltage: 6/9/12/18/48 V (Customizable)
- Net Weight: 20kg
- Product Size: 530x250x768mm

## The Creator Of Independent Transmit and Receive Array Layout Technology

● with 1+N array detection mode, the sensitivity of each detection zone can be adjusted at will (with adaptive adjustment technology). The metal detection sensitivity is  $\geq 0.3g$ .

## Enjoy The Appearance, Shells and Construction of The Splicing Technology Products

- Shells injected by high quality ABS + PC + anti-old aging material.
- Protection level can reach IP54/IP55/IP56 (customized)



## The Statistics You Concern:

- The system has dual data records for pass and return, and dual data records for fail and return, more implicit functions are available. (customized)

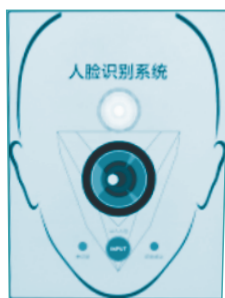
## Single Bilateral Splicing Technology

- With the creation of the splicing ability of single bilateral detector, it is more flexible, more space-saving and more convenient for transportation, leading the new situation of security inspection and detection in the future



## Functional Diversity(Customization)

In order to meet more needs of users, the device inherits more humanized functions for users to choose and match, such as face recognition/constant temperature/camera system, computer networking, mobile APP cloud management system, etc. More functions can be developed as required.



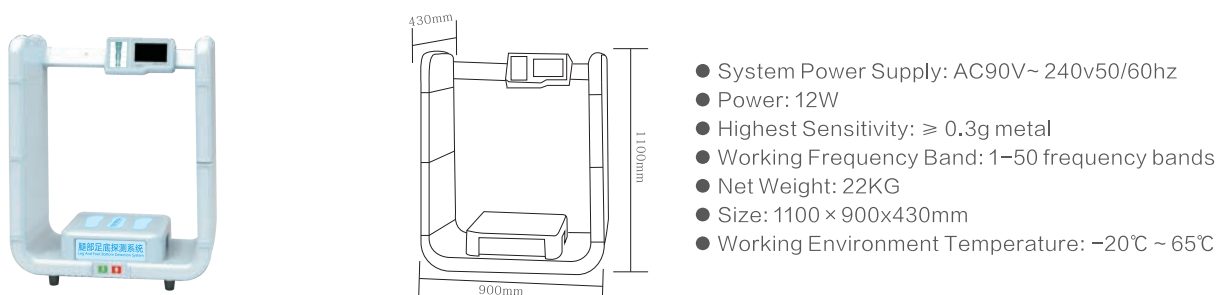
- Face identification/ temperature measurement / photo system ( customized )



- Computer networking, mobile phone APP cloud management system ( optional )

## Creation 1: Leg and Foot Detection System

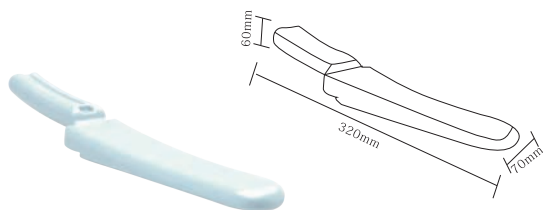
- The foot and leg detection system can reduce the interference of security personnel to the ground environment, also reduce the tedious work of security staff. It makes security check more accurate and convenient, and delivers happiness.





## Creation 2;portable High Precision Hand-held Metal Distinguish Detector

● Graceful posture, attractive curve, ultra-long endurance, light and flexible, convenient detection, high-precision, wide-range detection technology, lighter weight can reduce the fatigue of the security personnel, when not in use can be put in the emergency power supply system card slot, save energy, carefree endurance.



- Power Supply: 2 pcs of 5 nickel-metal hydride rechargeable batteries (It can work for more than 100 hours continuously)
- Work Mode: 3 sensitivity adjustments
- Operating Temperature: -40℃-70℃
- Relative Humidity: 0-98%(no condensation)
- Net Weight: 1kg(with battery)
- Size: 320 × 70 × 60mm

## Creation 3: Personal Belongings Diversion System and Emergency Power Supply Integration;

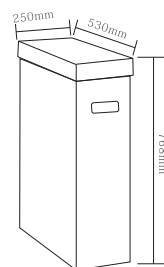
● Integrate the personal belongings diversion system and emergency power supply, 2 in one, which is more practical and strengthen the use function of the security barrier. It will be more convenient for security staff to charge the security equipment and improve the retention problem caused by lack of power of the equipment. Thus ensure the one-stop unimpeded security work concept.



Emergency Power Supply System



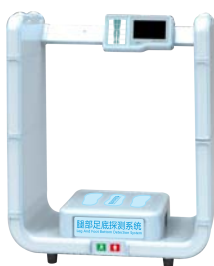
Personal Belongings Diversion System



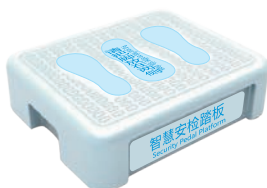
- Net Weight: 12KG
- Size: 530 × 250 × 768mm

## Creation 4: Security Pedal and Foot Detection System Integrated;

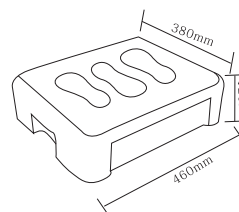
● With the combination of the leg and foot detection system and the security pedal, After the person being tested walking through the security check, the secondary security becomes flexible and unblocked, the legs and feet are tested perfectly again, reduce the staff use handheld metal detectors scanning of legs and checking of feet, can improve the speed and efficiency of security, better to avoid Physical contact.



Leg and Foot Detection System



Security Pedal Platform



- Carrying Capacity: 120~200kg
- Length, Width and Height: 460 × 380 × 120mm
- Net Weight: 2.5kg

