

Walk Through Metal Detector

Model NO. MCD-800



I. Equipment System Composition

1.1 Metal Security Gate (with 6-inch LCD display)

Including left door panel, main chassis, and right door panel.

1.2 Main Chassis Functions

Number of people passed/alarmed, standby/alarm signal lights

Functional parameter setting, sensitivity adjustment

II. Technical Parameters

Multi-zone Switching	Can switch between 8 zones and 24 zones via password
Operating Voltage	AC220V 50/60Hz
Power	≤35W
Signal Frequency	6-9KHz(adjustable)
Operating Temperature	-10℃——55℃
Storage Temperature	-25℃——75℃
Overall Packaging Weight	Approximately 68KG
Channel Dimensions	2220mm*860mm*560mm
Remote Control Function	2000mm*700mm*530mm
Remote Control Function	All system parameter settings and operations can be realized through the remote control.
Light Bar Display	The device can display the corresponding zone alarm through the light bar.
Display Size	6-inch LCD display
Material	High-density waterproof and fireproof board

III. Functional Features

High safety: strong applicability, high sensitivity, wide detection range, and strong anti-interference ability from the outside
Long periodicity: capable of 24-hour intelligent service, and can alarm with both sound and light
Adjustable sensitivity: can distinguish and display the location of hidden metals, and users can set according to the size, volume, weight, etc. of the detected metals

360° all-round detection: no blind area in the detection zone, and the detection at each point in the detection zone is uniform
Durable: the whole set of facilities adopts fireproof, waterproof, and shockproof design, and the widened door panel design has an elegant appearance
Vibration protection function: when the detection gate vibrates due to various objective situations, the vibration protection function will be automatically activated to prevent missed alarms and false alarms
Alarm zone display: built-in LED indicators on the door panel, accurately displaying the contraband hidden in the corresponding height part of the human body
Independent zones: the sensitivity of each detection zone can be independently adjusted between 0-255, with 3 sensitivity options of high, medium, and low, without mutual interference, and easy to operate.
Easy to operate: the metal detection gate can be adjusted through the remote control and operation panel
Good stability: adopts the combination of digital and analog technology, which can reduce false alarms and missed alarms, and greatly improve the stability of the product.
Product safety: pregnant women and lactating women can pass safely without any adverse reactions, and it is harmless to pacemakers in the human body, magnetic floppy disks, tapes, etc.
Easy to install: adopts integrated design, installation and disassembly only take 20 minutes.
Language switching: the display language supports Chinese and English switching.
Dual-color ultra-low power consumption screen: white and blue dual-color screen, with ultra-low energy consumption.
Equipment linkage: switch (one normally open and one normally closed).

IV. Technical Standards

✓ Quality safety: the enterprise has passed ISO9001:2015 quality management system certification
✓ Strictly implement the national standard "GB15210-2018 General Technical Conditions for Walk-through Metal Detectors".
✓ Environmental safety: the enterprise has passed ISO-14001:2015 environmental management system certification.
✓ Radiation safety: in line with EMC electromagnetic radiation standards.
✓ The product meets the quality standards for public security and police

electronic products of the Ministry of Public Security.

V. Key Description

★	1 LCD display interface
★	2 Standby indicator: indicates that it is in the standby working state (the light is green).
★	3 Alarm indicator: indicates that it is in the alarm working state (the light is red).
★	4 LEFT key: menu up selection or cursor position left change key.
★	5 RIGHT key: menu down selection or cursor position right change key.
★	6 UP key: digital adjustment key, which can increase the number.
★	7 DOWN key: digital adjustment key, which can decrease the number.
★	8 Signal light (standby state): 8 lights indicate whether there is interference in each zone.
★	9 PROG key: programming key, which can enter the debugging and setting interface.
★	10 ENTER key: confirmation key.
★	11 ESC key: cancel key, exit or return to the previous operation interface.
★	12 REST key: reset key, system reset.。





