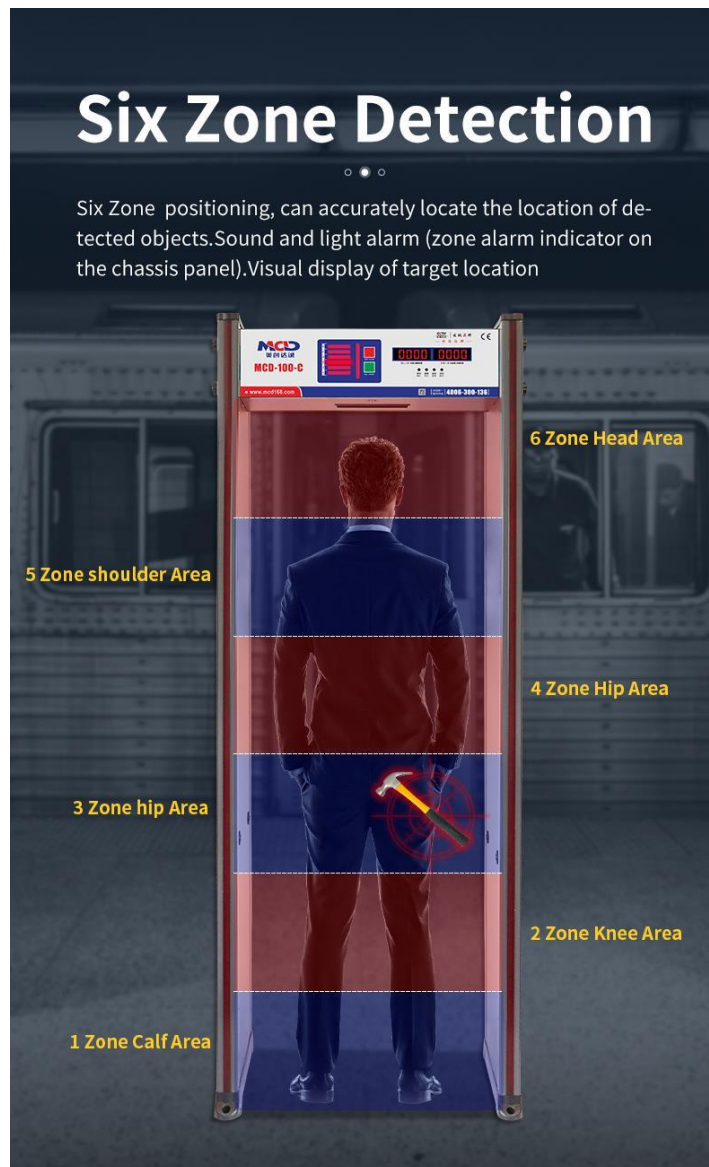


Walk Through Metal Detector

MCD-100A 6 Zone



System Composition

1.1 Metal Detector Gate	Includes a left panel, Control unit, and a right panel.
1.2 Main Unit Functions	Passage count/alarm count, standby/alarm signal lights.Function parameter settings, sensitivity adjustment.

Technical Parameters

Position Indicator Alarm	The corresponding detection alarm zone on the door panel, with zones 1 to 6 from bottom to top; the position of the alarm will be displayed on the position indicator light.
Working Voltage	AC220V, 50/60Hz
Power	≤35W
Signal Frequency	6-9KHz (adjustable)
Operating Temperature	-10°C to 55°C
Storage Temperature	-25°C to 75°C
Overall Packaging Weight	Approximately 45KG
Exterior Dimensions	2220mm (Height) * 800mm (Width) * 475mm (Depth)
Passage Dimensions	2000mm (Height) * 700mm (Width) * 400mm (Depth)
Operation Buttons	Operated with 4 buttons.

Functional Characteristic

Accurate Positioning	Six overlapping mesh detection zones with dual-side emission and reception for precise positioning of detected objects, intuitively displaying the target's location.
Microprocessor Technology	The microcomputer controller generates scanning electromagnetic waves, with precise control over the scanning speed. Program settings can be adjusted via the control panel to ensure flexibility, reliability, and stability of the sensitivity settings.
Composite Circuit Design	Infrared scattering device with fast sensing and automatic computer recognition, reducing false alarms and missed detections.
Digital Pulse Technology	Equipped with a digital signal processing filter system, providing excellent anti-electromagnetic

	interference capabilities.
High Stability	The device has strong resistance to collisions and impacts when not in use and is not affected by external factors during normal operation.
Adjustable Sensitivity	The sensitivity of each detection zone can be independently adjusted from levels 0-200, and overall sensitivity can also be adjusted, providing ease of use.
Password Protection Feature	Only the correct password can change system parameters and sensitivity. Users can set their own password, and if the password is forgotten, a master password can be used to unlock the device.
Modular Design	Easy installation with simple fault troubleshooting.
Low Magnetic Field Emission Technology	Complies with all current international safety standards, using low magnetic field technology that does not harm pacemaker wearers, pregnant women, floppy disks, films, tapes, etc.
Device Linkage	One normally open and one normally closed switching circuit (optional).

Technical Standards

☒ Quality and Safety	The company has obtained ISO9001:2015 Quality Management System Certification and strictly follows the national standard "GB15210-2018 General Technical Conditions for Walk-Through Metal Detectors."
☒ Environmental Safety	The company has obtained ISO-14001:2015 Environmental Management System Certification.
☒ Radiation Safety	Complies with EMC Electromagnetic Radiation Standards.
☒ Product Compliance	Meets the safety and police electronic product quality standards of the Ministry of Public Security.

Applications

Exhibition center/Government office/Electronic factory/Prison/Finance/Hotel
etc.

Dimensions

单位: mm



