

NUCTECH™ MD2100

Walk-through Metal Detector



Railway stations

Airports

Customs

Courthouses

Prisons

Stadiums or Gymnasiums

Exhibition Centers

Entertainment Venues

Factories

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Product Introduction

Nuctech™ MD2100 is a walk-through metal detector that enables to detect the concealed metals and alloys such as knives, guns, grenades under fabrics. With high-quality materials, special production process, advanced circuit design and intelligent signal processing algorithms, MD2100 has an excellent anti-interference capability and advanced performance. Preset with multiple flexible application modes, MD2100 meets the requirements of both high sensitivity detection and high passenger throughputs.

MD2100 can be used in transportation security (ports, airports, railway stations), public event security (Olympic, World Cup, World's Fair), building security (office, hotel, school), courts and prison security, precious metal loss prevention and so on.

TECHNICAL FEATURES

- Capability of detecting a variety of magnetic, non-magnetic materials; capability of detecting sheet, spherical, cylindrical and other shapes of metal objects
- High sensitivity and wide adjustable range
- Strong anti-interference capability; enable to work in complex electromagnetic environment; 64 selectable operating frequencies
- Visual and audio alarm; adjustable sound volumes and tones; light bars in both sides of panels pinpoint metal contrabands locations
- Standard programs: multiple application programs for different sites
- Counter: passing, alarm, alarm rate
- Traffic indication
- User access management: different permissions for operators and administrators
- Network applications: remote and real-time monitoring and parameter settings; network cascade for convenient wiring
- Interfaces both on the top and bottom of the detector (power, internet, USB)
- Infrared remote controller enables users to replicate the parameters from one detector to the other, greatly reducing the workload of the operators (optional)
- Weak magnetic field emission technology conforms to CE standard, which is harmless to pacemaker wearers, pregnant women, floppy disks, and videos

Technical Specifications

Sensitivity Grades	total sensitivity: 198; zone sensitivity: 99
Zones	8 zones or floating mode
Voice-Modulation	tone: 10; sound volume: 10 levels
Detection Speed	0.4m/s~1.8m/s
Standard Program	10
Effective Distance between Adjacent Detectors	min: 5cm
Power	AC 110/220V, 50/60Hz
Power Consumption	≤60W
Operating Temperature	-20℃ ~ +60℃
Humidity	0~95%, non-condensing
Weight	80kg
Passageway Interior Size	2090mm(H) x 756mm(W) x 710mm(D)
Overall Exterior Size	2303mm(H) x 917mm(W) x 710mm(D)

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