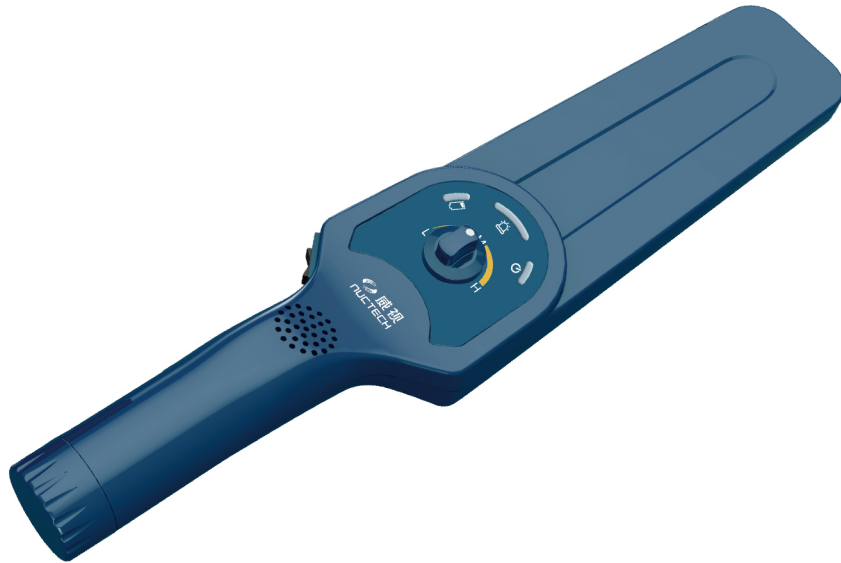


# NUCTECH™ MD0120

## Hand-held Metal Detector



### Product Introduction

The Nuctech™ MD0120 is a hand-held metal detector with high reliability and advanced detection performance. It's used to inspect concealed metal contrabands such as lighters, knives and guns. With an ergonomic design, it has compact size, light weight and gravity center closed to the handle, ensuring that user works long hours without fatigue. MD0120 is able to rapidly and accurately pinpoint the target location and detect various types of metals and alloys. It can work in audio or vibration alarm modes for different occasions.

MD0120 can be used in transportation security (ports, airports, railroads), 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.

### Applications

- Railway stations
- Airports
- Customs
- Courthouses
- Prisons
- Stadiums or Gymnasiums
- Exhibition Centers
- Entertainment Venues
- Factories

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## TECHNICAL FEATURES

- Ultra-high sensitivity allows to detect tiny metals or non-magnetic metals
- 3 level sensitivity for different application
- Reliability detection performance, free from environmental interference and power consumption
- One key for switching alarm mode from audio mode to vibration mode
- Power indicator, alarm indicator, and voltage indicator are available on the detector
- Wireless charging function enables to charge two batteries simultaneously (optional)
- Weak magnetic field emission technology conforms to CE standard, which is harmless to pacemaker wearers, pregnant women, floppy disks, and videos

## Technical Specifications

Charger	Normal charger or wireless charger (optional)
Power Voltage	9V Ni-MH Rechargeable Battery
Battery	≥100h
Operating Temperature	-10℃ ~ +60℃
Humidity	0 ~ 95%, Non-condensing
Protection	IP31
Weight	385g ( with battery )
Dimensions	388mm ( L ) ×79mm ( W ) ×54mm ( H )

Reference Test Object	Detection Distance for High Sensitivity	Detection Distance for Medium Sensitivity	Detection Distance for Low Sensitivity
Pin	15mm	3mm	--
Paper Clip	30mm	15mm	0.1mm
Razor Blade	40mm	18mm	1mm
Simulation Knife	120mm	85mm	55mm

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