

KEE HING CHEUNG KEE CO., LTD.
DLFTZ CHANG HING KEE
INT'L INDUSTRY & TRADE CO., LTD.



METAL DETECTOR
(CE)

KHCK-MDD-001 Walk through Metal Detector



Technical specifications:

Electric current: 220V Power: 35VA
Outer frame: 2200mm(h)X790mm(w)X540mm(d)
Inner frame: 2000mm(h)X700mm(w)X540mm(d)
Net Weight: about 80kg
Work environment: -20°C--+45°C

OEM & ODM are welcome

Function and characteristics

1. Six detecting areas: Allocation of six mutual over-lapping detecting areas, adopt the advanced digital pulse technology, both side of the gate can transmit and receiving the signal ,can eliminate the false alarm areas and accurately determine the location of the metal objects.

2. Indication of the alarming areas: The monitor can accurately indicate the prohibited articles which are hidden at the places of human body with corresponding height. The alarming areas can be indicated by the column lamps at the right side of operation panel

3. Adjustable area sensibility: With the highest sensibility, it can detect the metal article as small as one coin. With the range of 0-99, it can automatically adjust the sensibility, according the weight, volume, and location of the metal parts and eliminate the false alarming for the coin, key, jewelry, leather belt buckle, etc.

4. High capability of anti-interference: The adoption of digital, analogy and left and right balanced technology can prevent false or omitted alarming, which greatly enhance the capability of anti-interference.

5. Protection with password: The protection from the password can only allow the authorized person for the operations. It is highly safe.

6. Functions of statistic counting: The intelligent counter can calculate the number of the passenger flow and the times of alarming.

7. Harmless to human body: Adopt the technology of low electromagnetic to transmit; the product is harmless to heartbeat of human body, pregnant women, magnetic software, tapes and video recording tapes.

8. Power safety: The power device for the product is installed at the top of the main unit. The power supply can be controlled by the operation panel.

9. Convenience in installation: KHCK-MDD series products adopt integration design. It only takes twenty minutes to install the gate. The User's Manual are attached with the product.

10. Application scope: It can be used in the factory, prison, court, exhibition hall, stadium, entertainment lieu, etc., where the prohibited articles need to be checked for safety.

11. Standard: GB15210-2003

12. Warranty: Limited 12 months, 30% additional parts provide for abrasion, labor instruction is available if qty up to 100PCS.

KHCK-MDD-002 Walk through Metal Detector



Technical Parameter:

- (1) Meet a criterion: national standard GB 15210-2003. General Specification of walk-through metal detector GB 12299;
- (2) Detecting process: 100 degrees of sensitivity to meet with requirements in various occasions.
- (3) Basic safety: meet the requirements of GB4793.
- (4) Personal safety: meet the requirements of NILECJ-0601.
- (5) percent of pass: above 60 meantime/ minute
- (6) Electrical source: 220v AC, 50/60 Hz
- (7) Power: 35VA
- (8) Working environment: -30℃~ 45℃, <=95%RH
- (9) Overall sizes (mm): 2200 (height) x 790 (width) x 540 (depth).
- (10) Size of alley (mm): 2000 (height) x 700 (width) x 540 (depth)
- (11) Weight: about 80kg

OEM & ODM are welcome

setting can't change the settings.

13. Adoption of weak magnetic field launching technology will not cause harm to heart pacemaker wearer, pregnant women, disks and videos

14. Warranty, Limited 12 months, 30% additional parts provide for abrasion, labor instruction is available if qty up to 100PCS.

Function and Character

1. The door is anti-corruption, moisture -proof and fire-proof.
2. The door is formed in one piece, steady, robust and long service life .easy to be conveyed, mounted and dismounting.
3. No blind area and each spot of search coverage are evenly detected
4. Accurate location: 6 independent distributing search coverage and acousto-optic alarm when target is found. Panel indicator light directly displays the alarming area which can exactly indicate the target.
5. Self-diagnose function. There is a self-diagnose system in the door. It will check the hard ware and software of the door automatically whenever the door is activated. When there is a problem, it will give a messenger on the wrong.
6. Micro-processing technology: The micro-processing system gives an automatic jump to the controlling part of the system. Now you can set the system and its flexibility in the controlling panel easily
7. Complex circuit, infrared installation and computer automatic identification decrease the mistakes and missing dramatically. It can automatically show the alarm frequency and numbers of passed people.
8. The digital filtering system of DSP signal processing offers high ability to resist electromagnetic interference, touch and impaction which makes the door can be used in crowded area.
9. Adjustable Flexibility: We can reach the security requirements by adjusting the flexibility. There are 100 flexibility degrees in each detective area.
10. Automatic saving and showing ambient disturbed condition, making for choosing fabricating yard.
11. Continuous work and impossibility of escaping from detection at any time.
12. Password protection setting: You can change the system, flexibility and other setting only after typing in the pass word correctly and only authorized person allowed to change the

KHCK-MDD-003 Walk through Metal Detector



Technical Parameter:

Electric current: 220V

Power:<30W

Outer frame: 2220mm(h)X790mm(w)X522mm(d)

Inner frame: 2000mm(h)X700mm(w)X522mm(d)

Net Weight : about 70kg

Work environment : -20°C- +45°C

Complied standard: GB15210-2003

H-III digital metal detecting gate is adjustable. In the highest volume, articles as small as a paper clip can be detected and located. The user can configure the gate according to the size and weight of the article for detection to exclude error alarm for coins, keys, jewelries, belt buckles etc. It is applicable in the places such as factories, mines, banks, luxuries houses etc. where expensive metal articles may get lost easily; and places such as airport, customhouse, jails, exhibition halls, where dangerous metal articles are prohibited

OEM & ODM are welcome

Function and characteristics

1. Displaying panel: Adopting the ultra-large LED displaying panel, convenient for the work of the operator.
2. Six detecting areas: Allocation of six mutual over-lapping detecting areas, simultaneous alarming from multi-areas and accurately ascertaining the location of the metal articles according to the layout of the metal articles.
3. Indication of the alarming areas: The LED monitor embedded at both the left and right sides of the gate leaf can accurately indicate the prohibited articles which are hidden at the places of human body with corresponding height. The alarming areas can be indicated by the column lamps at the both left and right gateposts.
4. Adjustable area sensibility: With the highest sensibility, it can detect the metal article as small as the clip. With the range of 0-99, it can automatically adjust the sensibility, pre-set the weight, volume, size and location in respect of the metal articles and eliminate the false alarming for the coin, key, jewelry, leather belt button, etc.
5. High capability of anti-interference: The adoption of digital, analogy and left and right balanced technology can prevent false or omitted alarming, which greatly enhance the capability of anti-interference.
6. Protection with password: The protection from the password can only allow the authorized person for the operations. It is highly safe.
7. Functions of statistic counting: The intelligent counter can calculate the number of the passenger flow and the times of alarming.
8. Harmless to human body: The product is harmless to heart pacemaker installed in human body, pregnant women, magnetic floppy, recording tapes, etc.
9. Power safety: The power device for the product is installed at the top of the main unit. The power supply can be controlled by the operation panel.
10. Convenience in installation: KHCK-MDD series only takes twenty minutes to install the gate, User's Manual are attached with product.
11. Application scope: It can be used in the factory, prison, court, exhibition hall, stadium, entertainment lieu, etc., where the prohibited articles need to be checked for safety.
12. Warranty: 12 months, 30% additional parts provide for abrasion, labor instruction is available if qty up to 100PCS.

KHCK-MDD-004 Security Walk Through Metal Detector



Technical Parameter:

Outer frame: 2.2 X0.79 X0.54m (H X W X Depth)

Inner frame: 2.0X0.7X0.540m (H X W X Depth)

Electric current: 220V

Power: 35VA

Net Weight: about 80kg

Work environment -20~+45

Standard: GB15210-2003

OEM & ODM are welcome

Function and Characteristics:

1. Easy Assembly: The modular design allows for a quick and very simple assembly. Only 8 (eight) screws are required for

2. 18 Distinct Detection Zones: Offering exclusive multiple targets pinpointing with 18 distinct zones for full target coverage on the left, center and right side of the body from head to toe.

3. Entry Pacing Lights: Smooth, efficient traffic flow with easy-to-view, eye-level pacing lights on the entrance side of each panel.

4. Overhead Control Unit: LCD Display, alarm lights, LED bar graphs and control touchpad plus all wiring, connections and electronics are integrated into the overhead compartment.

5. Audible and Visual Alarms: Audible alarm and Visual LED lights signal when a target has been detected.

6. High adjustable sensitivity: KHCK-MDD series digital scanner gate is adjustable. In the highest volume, articles as small as a paper clip can be detected and indicated.

7. Password protection: KHCK-MDD-004 is designed for use by authorized personnel with multi-level security codes. It only allows authorized users to change settings.

8. No battery is required for memory retention: maintains all settings even when disconnected from power and does not require recalibration each time the unit is turned OFF and back ON. No battery is required for memory retention. While the unit is in operation, a self-test of all systems is performed continuously with any failures or problems immediately reported on the LCD display.

9. Hum less to human body: Using sensitive metal detecting technology is harmless to heartbeat implement in human body, magnetic software, tapes and video recording tapes

10. Traffic Counter: Counter tracks the number that have

passed through the detector, the number of alarms

11. Synchronization: Dual channels and DSP circuitry allow several KHCK-MDD-004 series scanner gates to operate simultaneously in close proximity to one another.

12. Warranty: Limited 12 months, 30% additional parts provide for abrasion, labor instruction is available if qty up to 100PCS.

13. Optional accessories

Remote control, ABS plastic base for protection

KHCK-MDH-001 HAND-HELD METAL DETECTOR



Product parameter:

- 1.Dimension : 410mm*85mm
2. G.W:12KG/ctn@20pcs
2. Power Source: standard 9v over-lapping battery
3. Alarm mode: sound-light alarm simultaneously
- 4、Weight:500g

OEM & ODM are welcome

Function:

- 1、Easy and convenient to operate
- 2、The manual part makes anti-smoothly design
- 3、Two sides both alarm with flashing red light when detecting metal articles.
- 4、Low battery waste: no waste when stop working, below 1mA when working.
- 5、Super-high accuracy and sensitivity that be able to detect very small metals(up to 0.1g)
- 6、The system be able to inspect power source and battery failure, power insufficient .
- 7、Alarm in different sounds according to different metals, and connect earphone available in harmonious surroundings

Features:

KHCK-MDH-001 is a kind of small Hand-Held Metal Detector, which is a special machine to security inspection. This machine is convenient to use, no adjustable controller, quickly reaction when detecting metals, and sound and light simultaneous alarming. It would sound clearly in low frequency when detecting small metal. It would sound clearly in high frequency when detecting big metal.

KHCK-MDH-002 Hand Held Highly Sensitive Metal Detector



Detection distance:

- | | |
|---------------------|---------|
| 1.Pin | 30-60mm |
| 2.64 model handgun | 150mm |
| 3.6 inch long knife | 160mm |
| 4. Diameter | 20mm |
| 5. Steel Ball | 90mm |

OEM & ODM are welcome

Application

1. Electronic detection inspection at airports, railway stations and wharfs.
2. Security inspection of customs, public securities.
3. Quality inspection of medicine and food commercial systems.
4. Security inspection of important sites and playgrounds.
5. Noble metal detection, such as gold or silver jewelry manufacturing plants.

Features:

1. Highly sensitivity. Simple and convenient to use, no adjustment is required.
2. The detection distance will not be changed when the battery voltage drops from 9V to about 7V, Low power consumption, can work for 40 hours continuously.
3. There is automatic and continues alarm when the battery is used up, Switch on/off audio prompt function.
4. With external rechargeable socket hole, has audio, Light and vibration handoff switch.

Install and replace battery:

1. The battery lid can be opened by pushing backward with thumb at the concave groove.
2. Install the 6F22 (9V) battery according to the anode and cathode signs on the battery lid.
3. Cover with the battery lid and push forward firmly.

Method to use:

1. Turn on the power switch, if a click sound is heard, it indicates that the power has been connected, and the green LED will turn on at the same time. If no click sound is heard, it indicates that no battery has been installed or the battery is not well connected. If the click sound is heard one after another, it indicates that the battery can not be used any more and a new battery shall be installed.
2. When the switch-on click sound stops, the highly sensitive detection can be performed. Grasp the handle and detect with the detection face around the object being detected, there will an alarm when a metal object is detected. In the mean time, the green LED will turn into red. When the detection stops, the alarm stops and the red LED turns into green.

Sensitivity Adjustment:

1. The sensitivity shall be adjusted when performance instability is observed or sound is produced when detecting human body without any metal stuff because requirement or the sensitivity is too high.
2. Insert a small straight-shaped screw driver into the small hole of the handle of the detector and rotate clockwise until a sound is heard, then rotate counter-clockwise barely to the position where no sound is produced, then rotate for another half a circle, until the sensitivity meets the requirement.

NOTE:

1. Be sure to switch off the power after use, battery shall be taken out when the detector will be kept unused for long.
2. No sound will be produced when the probe is fixedly positioned to the metal object. Sound is produced only when the probe crosses the metal object.
3. Be sure to switch off the power when the battery is recharged.
4. Charger voltage: 9V for AC; 10V for DC. (The charger shall be self-provided)

KHCK-MDH-003 HAND-HELD METALDETECTOR



Detecting distances:

- a) 1/2 pin: 10mm
- b) Model 64 pistol: 150mm
- c) 6" dagger: 150mm
- d) 8mm (diameter): 40mm
- e) Aluminum & copper sheet: 10mm
- f) DIP14 IC (integrate circuit): 5mm
- g) Silver ring (1g): 40mm
- h) Lead brick (1g): 30mm]

OEM & ODM are welcome

Features and Functions:

- 1) Operating frequency: 20 kHz
- 2) Weight: 272g (including the battery)
- 3) Size:
 - a) Length: 420mm
 - b) Width: 138mm
 - c) Height: 110mm
- 4) Handle measurement: 30 x 30mm
- 5) Regulate the way: manual
- 6) Indicator: BZ, vibration motor
- 7) LED light proves: LED red warning indicator lamp, LED green insufficient indicator lamp, voltage indicator lamp LED battery of power
- 8) Battery: 9V battery (suitable for working for 40 hours normally)
- 9) Control: circulation switch (On, Off, a sound of light or mode of vibration)
- 10) Uses cycle-switch to switch sound alarm and hidden vibration alarm respectively
- 11) Highly sensitive, detect ferrous and non-ferrous and stainless steel weapons
- 12) Sound and light alarm simultaneously
- 13) Alkaline cell (7V-9V) can work over 40 hours and distance does not change
- 14) Warn automatically when short of voltage
- 15) Simple, convenient to use, easy to adjust.

Sensitivity Adjustment:

- 1. The sensitivity shall be adjusted when performance instability is observed or sound is produced when detecting human body without any metal stuff because requirement or the sensitivity is too high.
- 2. Insert a small straight-shaped screw driver into the small hole of the handle of the detector and rotate clockwise until a sound is heard, then rotate counter-clockwise barely to the position where no sound is produced, then rotate for another half a circle, until the sensitivity meets the requirement.

NOTE:

- 1. Be sure to switch off the power after use, battery shall be taken out when the detector will be kept unused for long.
- 2. No sound will be produced when the probe is fixedly positioned to the metal object. Sound is produced only when the probe crosses the metal object.
- 3. Be sure to switch off the power when the battery is recharged.
- 4. Charger voltage: 9V for AC; 10V for DC. (The charger shall be self-provided)

KHCK-MDH-004 Hand Held Highly Sensitive Metal Detector



Handheld Detection range: 20cm
Length: 40cm (operating), 20cm (storing),
Detecting distance:
Coin: 70mm
Iron pipe detecting distance: 120mm

OEM & ODM are welcome

Spec and functions:

Working current: <5mA
Frequency: 35 KHz
Probe diameter: 134mm
Weight: 230g

1. Highly sensitive, detect ferrous and non-ferrous and stainless steel weapons
2. Sound and light alarm simultaneously
3. Alkaline cell (7V-9V) can work over 40 hours and distance does not change
4. Warn automatically when short of voltage
5. Simple, convenient to use, easy to adjust.

Sensitivity Adjustment:

1. The sensitivity shall be adjusted when performance instability is observed or sound is produced when

detecting human body without any metal stuff because requirement or the sensitivity is too high.

2. Insert a small straight-shaped screw driver into the small hole of the handle of the detector and rotate clockwise until a sound is heard, then rotate counter-clockwise barely to the position where no sound is produced, then rotate for another half a circle, until the sensitivity meets the requirement.

NOTE:

1. Be sure to switch off the power after use, battery shall be taken out when the detector will be kept unused for long.
2. No sound will be produced when the probe is fixedly positioned to the metal object. Sound is produced only when the probe crosses the metal object.
3. Be sure to switch off the power when the battery is recharged.
4. Charger voltage: 9V for AC; 10V for DC. (The charger shall be self-provided)

KHCK-MDU-001 Underground Metal Detector



Main parameter

Power supply: DC12V

Shooting frequency: 6.99Khz

Signal frequency: 437KHz

Visual: Lever Meter

Indicator: sound : 2 Speaker or earphone(earphone not included)

Disc: Ground Balance Controls

Disc Control: Ground Balance control

Tune control: sensitivity control

Discrimination Control

Zeroing control

Working electric current: 300MA at Max Volume

Sensitivity: 35cm or a US(25cent) Quarter with meter

Indication at min, discrimination

Accessories: Battery box and battery bag

Gross weight: 3.2kg

Color: Black.

OEM & ODM are welcome

Features:

1) Good detection depth:

1.5-2m

2) Strong pinpointing performance

Can penetrate the earth, the stone, the chinaware or other plastic and wooden material which covered on the metal and find the metal exactly.

3) Great discrimination

4) Easy operation

5) Mainly function:

a) Suitable to detect and distinguish metal buried in the earth

b) Suitable for checking metal in food, fuel, and luggage

c) Suitable for detecting underground pipes

d) Suitable for mining and archeological digs

6) Have the function to distinguish ferrous and Non-ferrous Metal.

7) Adopt the intellectualized operation system

8) Use the high strength material of ABS with light weight and long life-span

9) To distinguish if it's the sound of ferrous via the earphone.

Packing: Each piece in one inner box & 4pcs in one outer carton

Outer Carton measure: 840mm*320mm*640mm

KHCK-MDU-002



Main parameter:

Power supply: DC12V

Shooting frequency: 6.99 KHz

Signal frequency: 437 KHz

Visual: Lever Meter

Indicator: sound: 2 Speaker or earphone(earphone not included)

Disc: Ground Balance Controls

Disc Control: Ground Balance control

Tune control: sensitivity control

Discrimination Control

Zeroing control

Working electric current: 300MA at Max Volume

Sensitivity: 35cm or a US (25cent) Quarter with meter

Indication at min, discrimination

Accessories: Battery box and battery bag

Gross weight: 3.2kg

Color: Black.

OEM & ODM are welcome

Features:

1. Good detection depth:

3-5m (max detection depth)

2. Strong pinpointing performance

Can penetrate the earth, the stone, the chinaware or other plastic and wooden material which covered on the metal and find the metal exactly.

3) Great discrimination

4) Easy operation

5) Mainly function:

a.) Suitable to detect and distinguish metal buried in the earth

b.) Suitable for checking metal in food, fuel, and luggage

c.) Suitable for detecting underground pipes

d.) Suitable for mining and archeological digs

6) Have the function to distinguish ferrous and Non-ferrous Metal

7) Adopt the intellectualized operation system

8) Use the high strength material of ABS with light weight and long life- span

9) To distinguish if it's the sound of ferrous via the earphone.

Packing: Each pieces in one inner box & 4pcs in one outer carton.

Outer Carton measure:840mm*320mm*640mm

KHCK-MDU-003



Battery: B1 group: 2pcs 9V
B2 group; 9V;
Work frequency: 15 KHz \pm 2.2 KHz;
Display: instrument panel
Sound: loudhailer or earphone
Working electricity: B1 (18V):30mA
B2 (9V):35mA;
Working Volt: B1: 12-24.5V
B2: 6-11.5V;
Three frequencies: 400Hz \pm 60Hz
700Hz \pm 105Hz
1500Hz \pm 225Hz
Dimension: 920-1210mm (L)*200mm (W)*185mm (H)

1. Good detection depth: metal detector and identify statuscope, one 25 cent which 16 cm underground can be detected;
2. Strong pinpointing performance
Can penetrate the earth, the stone, the chinaware or other plastic and wooden material which covered on the metal and find the metal exactly.
- 3) Great discrimination
- 4) Easy operation
- 5) Mainly function:
 - a.) Suitable to detect and distinguish metal buried in the earth
 - b.) Suitable for checking metal in food, fuel, and luggage
 - c.) Suitable for detecting underground pipes
 - d.) Suitable for mining and archeological digs
- 6) Have the function to distinguish ferrous and Non-ferrous Metal.
- 7) Adopt the intellectualized operation system.
- 8) Use the high strength material of ABS with light weight and long life- span.
- 9) To distinguish if it's the sound of ferrous via the earphone.

Packing: Each piece in one inner box & 4pcs in one outer carton
Outer Carton measure: 840mm*320mm*640m