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SCIENTIFIC AND  
TECHNOLOGICAL INNOVATION LEADING THE FUTURE

科技创新·引领未来

CREED MEDICAL

用心只为医疗



Serve customers

|                                                                                                                                   |                                                                                                                                           |                                                                                                                                |                                                                                                                                              |
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Operating room airtight door

The airtight sliding door is a sliding set door that integrates airtightness, sound insulation, heat preservation, pressure resistance, dustproof, fireproof and radiation protection. Generally used for hospital food

Factories, industrial plants and other places that have high requirements for sound insulation, heat insulation and air tightness. The airtight door uses a small-sized, high-power DC brushless motor even if it is opened frequently.

Even if it is closed, it can also operate without trouble for a long time. The door body is surrounded by professional vacuum airtight tape and adopts unique compression technology to ensure that it can be tightly connected to the door frame when the door is closed.

The tight fit achieves a reliable air-tight effect.

The airtight door is equipped with a foot-controlled switch and a special handle, which is convenient for medical staff to open the door. During a power outage, the special handle can be used, and the door can be opened with very small push and pull force.

The air-tight door can choose a safety sensor, which can effectively prevent people from being pinched. It can also use a microwave sensor to automatically open the door from indoors and outdoors, which is simple and convenient. Users can

The effect of the sensor can be set as needed, and the action mode of the sensor can be flexibly set according to the doctor's working habits and the characteristics of various surgeries, so as to achieve

best effect.



Operating room airtight door



Features

1. The opening and closing of airtight doors is mechanized and automated, and the operation is safe and reliable.

The opening and closing of the door is driven by a motor, which greatly reduces the labor intensity and traffic efficiency of the door. Due to the use of advanced control technology and safety protection Measures to make the automatic door for entry and exit safer and more reliable.
2. The airtight door's sealing performance and energy-saving performance.

3. No matter which position the air-tight door is turned to, it is automatically closed to the outside and closed to the inside. Therefore, it can reduce heat loss and reduce the intrusion of dust.

Increased airtightness saves energy. Other types of airtight doors also increase their airtightness because they can quickly and automatically close the door and adjust the opening width of the door leaf.

performance and energy saving.
4. The airtight door enhances the decoration and beautification function of the building.

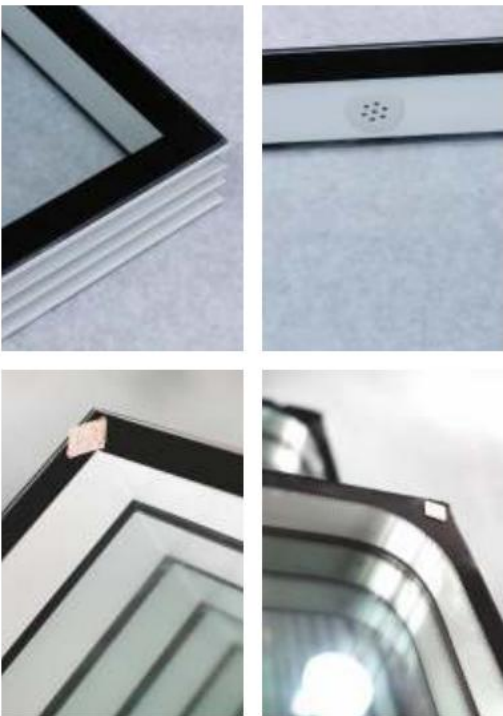
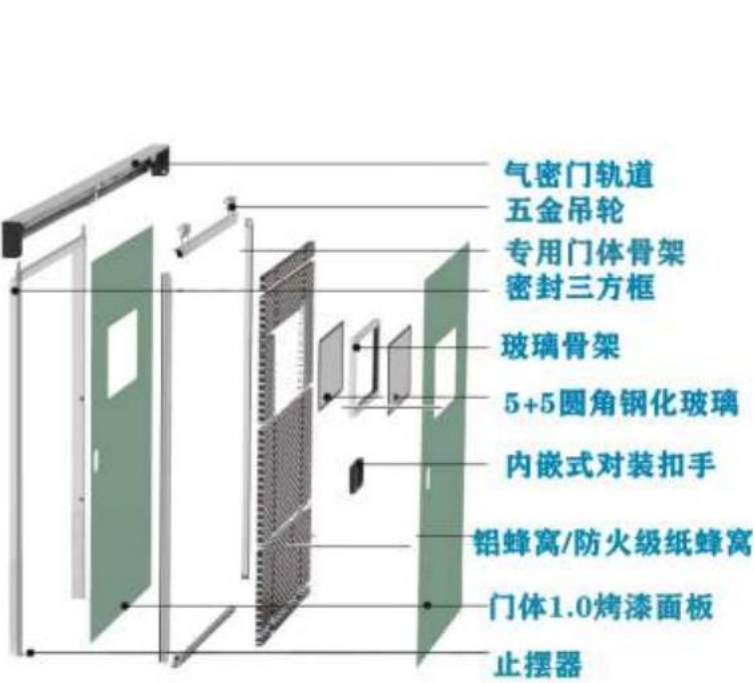
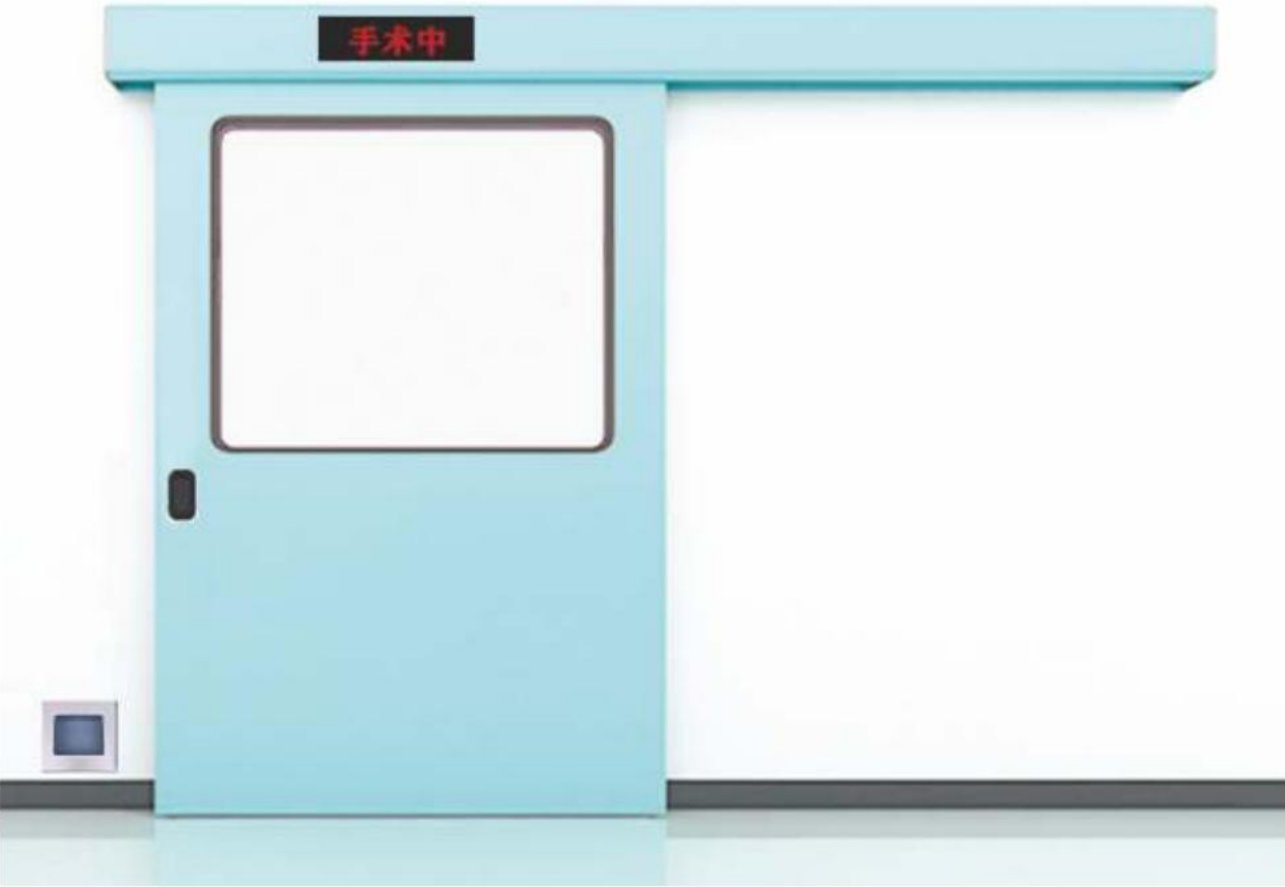
Since air-tight doors widely adopt new designs, new decorative materials and new processing techniques, their shape and structure will be more coordinated, matched and enhanced with the building.

The building beautification function.

Technical Parameters

|                               |                                                                                                                                                                                                          |                       |                     |                                        |                           |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|----------------------------------------|---------------------------|
| Specifications                | 900*2100                                                                                                                                                                                                 | 1000*2100             | Door opening method | Light-controlled foot induction        | Light control hand sensor |
|                               | 1100*2100                                                                                                                                                                                                | 1200*2100             |                     | access control, card swipe or password | switch button             |
|                               | 1300*2100                                                                                                                                                                                                | 1400*2100             |                     | fingerprint system to                  | microwave induction       |
|                               | 1500*2100                                                                                                                                                                                                | Support customization |                     | remotely open the door                 |                           |
| Track/cover material          | High-strength aluminum alloy (surface electrophoresis whitening treatment), or SUS304 brushed stainless steel.                                                                                           |                       |                     |                                        |                           |
| Auxiliary rail material       | Made of 5mm aluminum alloy, it can be designed with a "sinking" function. A                                                                                                                              |                       |                     |                                        |                           |
| Three border material         | set of aluminum alloy frames is designed around the door opening, and there is a sealing strip on the top for wiring. The surface is                                                                     |                       |                     |                                        |                           |
| Door body material            | painted on 1mm galvanized steel plate (the color can be customized, and the inner liner is filled with paper honeycomb). The four sides of the door leaf are edged with stainless steel and have sealing |                       |                     |                                        |                           |
| Air tightness                 | strips. When the door is fully closed, the sealing strips on the door body and the sealing strips on the three sides overlap each other to achieve double sealing.                                       |                       |                     |                                        |                           |
| safety                        | Comes with infrared safety anti-pinch electric eye (similar to elevator light curtain).                                                                                                                  |                       |                     |                                        |                           |
| Radiation protection function | Doors with lead equivalents of 1 to 3mm can be customized according to customer requirements.                                                                                                            |                       |                     |                                        |                           |
| Aesthetics                    | The door machine cover is equipped with a high-brightness LED "in-operative" indicator light, and the door leaf has a double-layer tempered glass                                                        |                       |                     |                                        |                           |
| Convenience                   | window. The finished product is shipped and is easy to assemble! Comes with                                                                                                                              |                       |                     |                                        |                           |
| stability                     | installation video tutorial. Brand motor design, silent operation. Ensure the safety, quietness and efficiency of the                                                                                    |                       |                     |                                        |                           |
| Practicality                  | operating room. Each door involves European-style recessed handles or "E"-shaped large movable handles.                                                                                                  |                       |                     |                                        |                           |

Operating room semi-glass airtight door



Operating room semi-glass airtight door



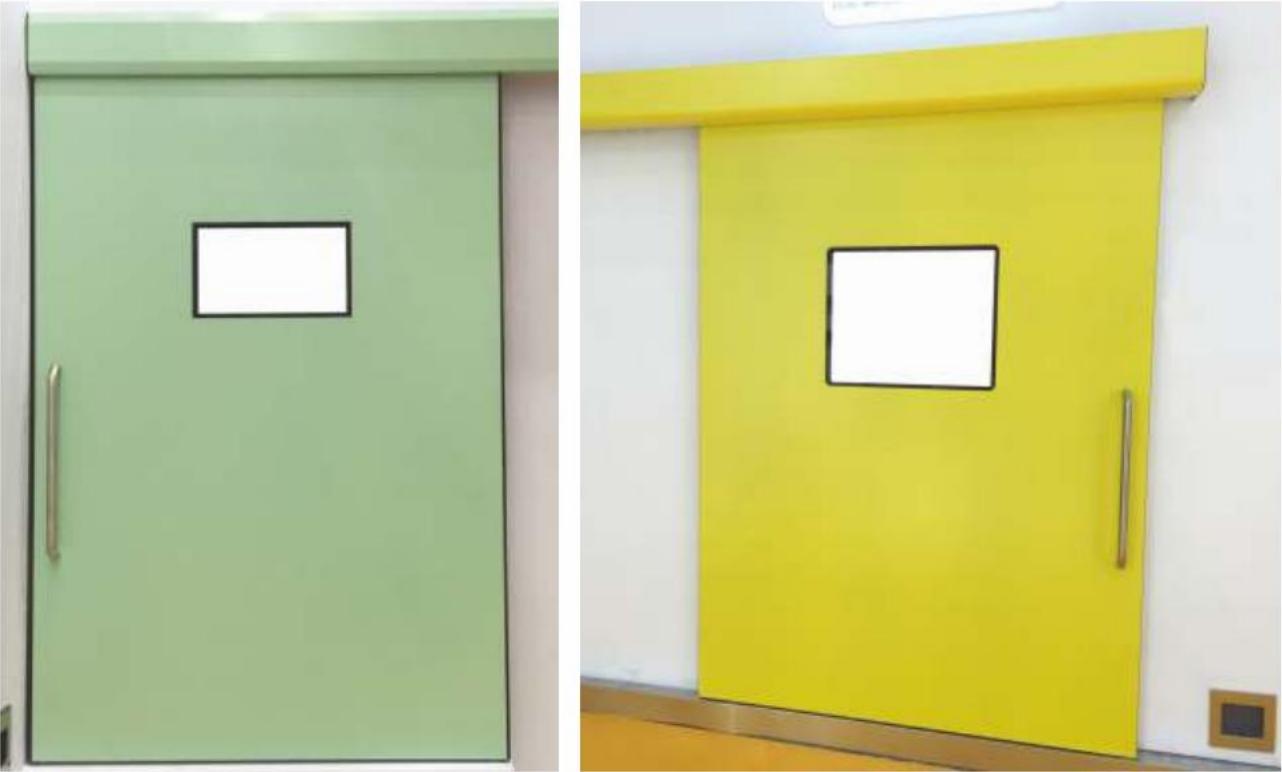
Technical Parameters

|                               |                                                                                                                                                                                                          |                       |                     |                                        |                           |
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|                               | 1100*2100                                                                                                                                                                                                | 1200*2100             |                     | access control, card swipe or password | switch button             |
|                               | 1300*2100                                                                                                                                                                                                | 1400*2100             |                     | fingerprint system to                  | microwave induction       |
|                               | 1500*2100                                                                                                                                                                                                | Support customization |                     | remotely open the door                 |                           |
| Track/cover material          | High-strength aluminum alloy (surface electrophoresis whitening treatment), or SUS304 brushed stainless steel.                                                                                           |                       |                     |                                        |                           |
| Auxiliary rail material       | Made of 5mm aluminum alloy, it can be designed with a "sinking" function. A                                                                                                                              |                       |                     |                                        |                           |
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| safety                        | Comes with infrared safety anti-pinch electric eye (similar to elevator light curtain).                                                                                                                  |                       |                     |                                        |                           |
| Radiation protection function | Doors with lead equivalents of 1 to 3mm can be customized according to customer requirements.                                                                                                            |                       |                     |                                        |                           |
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| Practicality                  | operating room. Each door involves European-style recessed handles or "E"-shaped large movable handles.                                                                                                  |                       |                     |                                        |                           |

Medical airtight sliding door (sunken type)



Medical airtight sliding door (sunken type)



Features

- The power unit adopts foreign advanced brushless drive devices and microcomputer multi-function digital control systems, with an operating life of more than 500,000 times. The door
- panel, door frame, and door cover are made of high-quality SUS304 stainless steel plates, steel plates sprayed with plastic, and aluminum alloy panels. The internal sandwich
- adopts injection polyurethane foaming technology, flame-retardant materials, or paper honeycomb, which is solid, smooth, and beautiful. The door leaf is
- surrounded by high-quality airtight special sealing strips. When the door body is closed, it sinks close to the wall for better sealing. The guide rails adopt
- European double-layer silent guide rails and are equipped with special design technology to ensure that the installed door leaf runs smoothly and has good air tightness. The use
- of large-diameter wear-resistant pulleys greatly reduces operating noise and extends service life. The double-glazed
- observation window on the door body makes it easy to observe the indoor working status.
- The door cover is made of special aluminum alloy profiles or stainless steel with high strength. The surface is anodized to make it beautiful and wear-resistant.
- The unique spreader and guide wheel design makes air tightness adjustment more convenient. Simply
- install an anti-collision belt in the middle of the door leaf for better Protect the
- door. The door opening method can use non-contact sensor door opening devices such as foot sensor, hand sensor, knee sensor, etc., which is convenient and sensitive and avoids bacterial cross-infection when touching the door with
- hands. There are safety lights on both sides of the door cover to ensure that people (objects) will not be trapped when the door leaf
- closes automatically. Beautiful appearance, solid and elegant!

ICU double glass airtight door



ICU double glass airtight door



Technical Parameters

- Opening speed: 250~500mm/s (adjustable)
- Closing speed: 250~500mm/s (adjustable)
- Opening time: 2~20s (adjustable)
- Closing force Fy70N
- Manual push: <100N
- Machine power consumption: <150W

Features

- The door body is made of large flat high-light glass, and the door frame is made of aluminum alloy with integral spray molding or stainless steel. The interior of the room is visible for cleaning, making it easier for medical staff to better observe. Check the situation in the ward.
- It is quiet, atmospheric and transparent during operation.
- The door body has good air tightness and ensures the air tightness requirements of clean rooms.
- A variety of door control methods are available, such as infrared sensing, foot sensing, password input, etc.



Radiation protection doors, lead doors



Radiation-proof doors are mainly used in X-ray rooms, DR rooms, CT rooms, dental clinics, dental and operating rooms, etc. in hospitals. The external materials are mainly divided into aluminum-plastic panels and stainless steel.

There are two types, including double doors, swing doors, sliding doors, and double doors.

At present, radiation-proof lead doors refer to plates rolled from metallic lead. At present, the common thickness in China is 1-20mm, and the common specifications are 1000\*2000MM.

The best domestic machines can produce products with a maximum width of 1300MM and a maximum length of 8000MM. They are mostly made of 1# electrolytic lead, and some are also made of recycled lead on the market.

Radiation-proof medical lead doors create a more professional solution:

Wider use - suitable for radiation protection and protective doors in hospital CT machine rooms, DSA machine rooms, X-ray machine rooms, C-arm machine rooms, DR machine rooms, and CR machine rooms.

The structure is stronger - the main frame is made of thickened 4# steel square tubes welded at 45° angle. After rust prevention, it is paved with medical metal lead plates on both sides (medical metal lead plates).

Lead content is as high as 99.99%, and the exterior surface is made of high-quality 304 stainless steel, which not only makes the exterior of the protective door beautiful, but also increases the anti-collision performance and mechanical strength of the protective door.

Better sealing and better ray blocking effect - the protective layer is welded by argon arc welding without any gaps to ensure that rays do not leak out! Three-layer fusion technology,

Stainless steel plates, 1#-5# lead plates, and stainless steel square steel are highly bonded to construct high-strength radiation protection doors and high-quality lead doors.

Automated design - the swing-open protective lead door is equipped with special pressure bearings to make the opening and closing of the lead protective door flexible and noiseless! The push-pull protective door adopts top-hanging silent type

The track design and lower guide bearing make the protective door switch more flexible, quiet and noiseless! You can choose from a variety of opening sensors such as infrared, foot pedal, and hand sensors.

Radiation protection doors, lead doors



Ward door



Hospital ward door door cover parameters

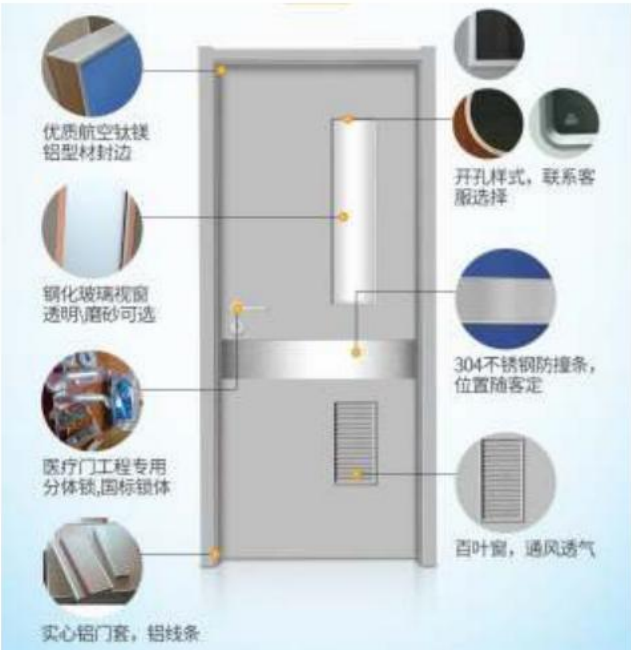
1. The double veneer (moisture-proof layer) of the door cover is separated from the wax and water in the contact area with the ground, and a moisture-proof pad is provided at the bottom.
2. The base material of the door cover is made of waterproof and environmentally friendly materials, which have high waterproof treatment and moisture-proof performance. The cover board is made of multi-layer solid wood with a moisture-proof panel on the back. The main thickness The thickness is not less than 30mm and has moisture-proof function.
3. The door sealing edge must be fully enclosed and waterproof.

Hospital ward door leaf parameters

1. The thickness of the door leaf (including the edge opening) is y40mm, and 1mm aluminum alloy edge sealing is added to the corners, with original metal color (oxidation treatment).
2. The door core adopts a high-density board grid structure, which requires no deformation, corrosion resistance, no cracks, and heat insulation.
3. The door panel adopts CPL fireproof and antibacterial board, which is required to be fireproof and antibacterial, high hardness, anti-bump, anti-scratch, wear-resistant, easy to clean, non-fading, and the door surface is smooth and smooth.
4. Stainless steel skirting boards are installed at the bottom of both inner and outer sides of the door panel. The skirting boards are double "L"-shaped groove-type edge sealing. The height of the skirting boards is 12cm.

- Clean and color is yellow maple wood grain color.
- Hospital ward door hardware accessories
1. Use high-quality stainless steel hinges.
  2. Use high-quality stainless steel handle lock.
  3. Stainless steel door stopper.

Ward door



steel door

304不锈钢内框

不锈钢铰链

密封胶条

堵头封盖

不锈钢弯管锁

Lift sealing strip

双层玻璃视窗

不锈钢锁片

Steel plate paint

窗体模块式安装、确保密封及方便后期维护

门板密封条自动注胶，可防止密封条翻转脱落

型材加工组码器压铆工艺，保证外观更加平整合缝

steel door

Steel purification door

All stainless steel purification door

emergency exit

Aluminum doors

钢制双开净化门

Steel purification door

单开门示意图

双开门示意图

| project name                               | Specifications                                                                                               |                                           |                              |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------|
| Regular size                               | 900*2100*50MM<br>1000*2100*50MM (single door)                                                                | 1200*2100*50MM(Multiple and double doors) | 1500*2100*50MM (double door) |
| Material                                   | Electrolytic galvanized sheet, door frame thickness 1.2MM, door panel thickness 1.0MM,                       |                                           |                              |
| Conventional                               | white, blue, colors can be customized according to customer                                                  |                                           |                              |
| Color Filler                               | requirements. Flame-retardant paper honeycomb, fireproof                                                     |                                           |                              |
| Window Shape                               | aluminum front nest, rock wool outer square, inner square, outer square                                      |                                           |                              |
| Window                                     | inner round, outer 5MM double-                                                                               |                                           |                              |
| Specifications Window                      | layer tempered glass within a circle 400*600MM (W*H*T), split execution                                      |                                           |                              |
| Conventional Size Door Lock Specifications | locks, conjoined execution locks, elbow locks, and escape locks can be customized according to requirements; |                                           |                              |
| Door lock material                         | 201, 304, galvanized lock                                                                                    |                                           |                              |
| Hinge type                                 | Detachable type, semi-hidden adjustable type, spring hydraulic type, hidden type, etc. Spraying              |                                           |                              |
| surface treatment                          | (outdoor fluorocarbon powder, electrostatic powder), baking paint, paint-free and other treatments           |                                           |                              |

Automatic swing door



Automatic swing door



Technical Parameters

- The transmission mode is worm gear or belt transmission. The bottom plate is
- formed of aluminum alloy in one step, which is convenient for
- installation. Streamlined design is beautiful and elegant.
- It has good reversibility. The door can be moved at will during operation. It is not easy to be damaged. It can be linked or
- interlocked by two machines. It can be set to synchronous or asynchronous mode. The door closing force
- and door pressing force can be adjusted. It can be
- connected to magnetic locks and electric plug locks.
- High reliability and low cost. Power consumption remote control
- Fault code indication

Features

- Swing door electromechanical automatic control system, driven by DC motor, with spring closing and motor closing models available, built-in microprocessor control unit with self-diagnosis and continuous checking of all door status functions. It can be installed on the lintel or on the door, and can be opened from the inside or outside. The driving arm is divided into scissor arm or chute type, anodized aluminum-coated plastic shell, and anti-extrusion safety device to open or close. When encountering an obstacle, not only can the door reverse immediately, but it can also remember the affected point and approach it at a low speed. Only when it is confirmed that the obstacle has been removed, it can be restored to the standard action state. The function selector is integrated in the motor, and the parameters are clear at a glance and easy to adjust.
- The widest door body: 1,400mm The heaviest door body: 120kg Power supply 220V (+6%-10%) 50 (60) Hz Power 100w.

Other radiation-related materials

Introduction to lead plate

Lead content is not less than 99.994%

Material 1# pure lead plate

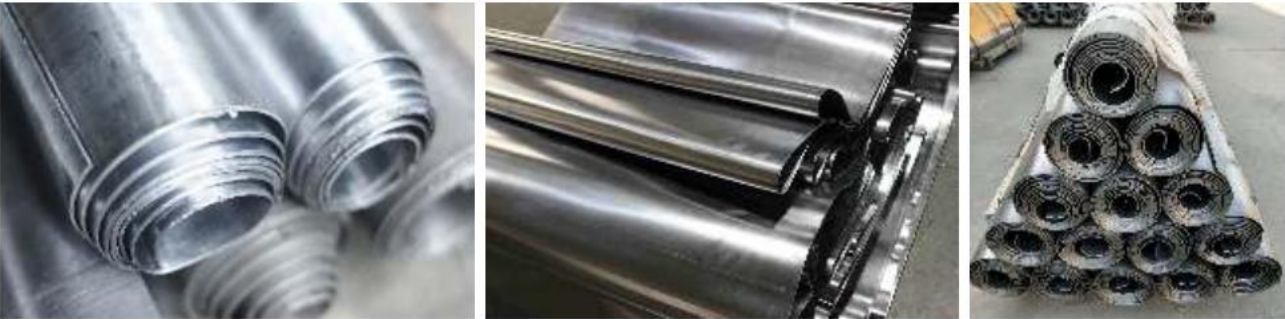
Lead plate specifications: Thickness ranges from 0.3MM to 100MM, common specifications are 1000mm \* 2000mm (the maximum width can be 1850MM, the length is not limited) Product introduction: Lead plate refers to a plate rolled from metallic lead. It has strong anti-corrosion, acid and alkali resistance, and can be used for construction in acid-resistant environments and medical radiation protection.

X-ray, CT room radiation protection, weighting, sound insulation and many other aspects, it is also a relatively cheap radiation protection material. Product

advantages: The lead plate has strong anti-corrosion, acid and alkali resistance for environmental construction, medical radiation protection, X-ray, CT room radiation protection, aggravation, sound insulation

and other advantages. Product application: Lead plates are commonly used in X-ray rooms, CT rooms, CR rooms, ECT rooms, industrial flaw detection, campus laboratories, nuclear power, etc. to protect operators from radiation.

s damage.



lead glass



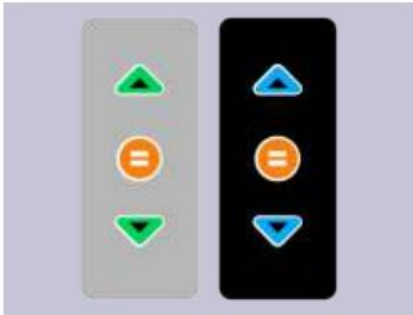
Lead wood composite board



Automatic door systems and accessories



Hand (knee) sensor switch



Special up and down stop switch for fast door



Linear sensor (separation of people and vehicles)



Access control panel



Wireless hand pressure plate



Infrared sensor



Foot sensor switch



Access control power supply



Electric mortise lock



Magnetic lock



microwave sensor



safety light

Project cases



Project cases

