



Doors for Healthcare Systems

All-in-one specialist solutions

HÖRMANN



Creating a more comfortable and safer medical environment

Hörmann is one of the world's leading suppliers of doors and gates, with more than 80 years of specialist door production experience. Hörmann has rich project experience in the medical field and offers a complete range of products that create safe and comfortable environments for medical treatment. We research and optimise products to closely meet the needs of the medical environment, both in terms of door fittings and accessories. Hörmann's products are durable, anti-bacterial, light and easy to use. Our products also satisfy the requirements for radiation-proof, barrier-free and fire-proof environments. Hörmann strives to develop new products to create a comfortable and safe medical environment for patients, family and medical professionals.

02 Treatment room doors



In treatment rooms, since different functions have different spatial requirements, differing requirements are also presented for the environment and facilities such as doors and windows.

- **Electric sliding doors:** With a variety of motor activation methods, these offer easy access and for better bacterial sealing;
- **Radiation-proof doors:** Effectively avoid radiation leakage, ensuring staff and patients kept safe and secure;
- **Cleanroom doors:** Suitable for sterile cleanrooms, the smooth surface facilitates cleaning and disinfecting, effectively inhibiting bacterial growth.



处置室



Steel electric sliding door HTE



Steel electric hermetic sliding door HTE H

Safe and convenient, satisfying clean space operating rooms requirements

Horizontal sliding doors with electric auto open offer a variety of automated opening methods, allowing free and easy passage. Force sensing function: door leaves rebound when met with resistance and the entire mechanism slows to a gentle speed as the door nears full closure, offering finger trap protection. This can be broadly applied in areas requiring accessibility. The electric sliding doors with hermetic function are suitable for operation rooms, sterile intensive rooms and ICUs.

Design Highlights

- Antibacterial coating is available for sterile environments to prevent cross infections.
- The double seals on the door and frame, coupled with a unique retractable internal pressure rail, provide high hermetic effect; the test data is far beyond the Chinese Standard Level 8 requirements.
- Doors can open and close quickly, providing an “interlock” function between two doors, which is the best choice for preventing clean air leakage.
- Automatic delayed closing (timing can be adjusted) can be set to automatic, open, close, semi-open, one-way travel and other models.
- Door-opening buffer and automatic rebound at resistance functions are provided to ensure traffic safety.



Non-contact switch



Photocell



Foot switch

Technical Parameters

Leaf thickness	30 mm
Leaf steel sheet thickness	0.6 / 0.8 mm (structural opening width > 1250 mm)
Frame steel sheet thickness	1.5 mm
Speed	Opening speed 14-37 cm/s, closing speed 9-35 cm/s (adjustable)
Infill	Honeycomb paper
Glazing	Buckled ABS glazing, with double layer 6 mm tempered glass, 500 x 380 mm Flush glazing
Cycle test	500,000 times (standard), 1,000,000 times (optional)
Working noise	< 60 dB
Structural opening size max. (W x H)	Single-leaf door: 1500 x 2500 mm



Radiation-proof door

Effectively prevent radiation leakage



Radiation-proof doors are for radiology departments, such as X-ray and CT check rooms. They are designed to effectively prevent radiation leakage and to avoid the danger caused by radioactivity to staff and patients.

Design Highlights

- Door surface is smooth and easy to clean. The door leaf is filled with protective lead plate which can effectively blocking dangerous radiation. The thickness of lead plate varies according to different facilities.
- Radiation-proof glazing is available to meet lighting requirement as option.
- Choosing E-lock with card reader allows access control for safety concerns while offering convenience to management.



Rebated door leaves prevent dangerous radiation leakage through the gap

Technical Parameters

Leaf thickness	50 mm
Leaf steel sheet thickness	0.8 mm
Frame steel sheet thickness	1.5 mm
Infill	High-quality mineral wool, lead plate
Lead equivalent	2.33 mmPb
Acoustic insulation	33 – 34 dB
Thermal insulation	1.7 – 1.8 W/(m ² ·K)
Structural opening size max. (W × H)	Single-leaf door: 1200 × 2400 mm



Steel clean room door HCR 40

Special design for even the strictest sanitation requirements.

For disposal rooms, laboratories and other locations with high cleanliness requirements, Hörmann steel clean doors can be fully integrated into your clean systems through their professional design, as they are equipped with a surround frame, an R-groove with multi-housing sealing strips on the frame inlaid with a multi-chamber hollow seal, which maintains a constant voltage, constant humidity, an energy-saving solution.

Design Highlights

- Flush door leaf with smooth surface; concealed hinges and door closers can be provided as optionally.
- Seamless door leaf and frame can be selected, facilitating daily cleaning and sterilization.
- Flush glazing is available. Without glazing profile, glass aligns with the door leaf, making cleaning a cinch.
- Anti-bacterial coating inhibits bacterial growth in an environmentally friendly solution.
- Optional stainless steel finish provides an attractive and modern appearance with enhanced sterility.



Technical Parameters

Leaf thickness	40 mm
Leaf steel sheet thickness	0.6 mm
Frame steel sheet thickness	1.5 mm
Infill	Honeycomb paper
Optional fittings	Flush glazing, concealed hinge and door closer, etc.
Structural opening size max. (W × H)	Single-leaf door: 1300 × 2500 mm Double-leaf door: 2500 × 2500 mm