



EQUIPMENT, ACCESSORIES AND SERVICE
to supplement and optimise the scanning sequence



DOORS



One of the most important components of RF cabins is the RF shielded door, which is available both as a single-leaf or double-leaf door and as a sliding door. Our doors, which were developed in-house, are subject to strict quality controls regarding RF tightness and safety and have the added bonus of high aesthetics. They can be supplied in different dimensions, are easy to operate and are low maintenance.

CEILINGS + LIGHTINGS

Lighting



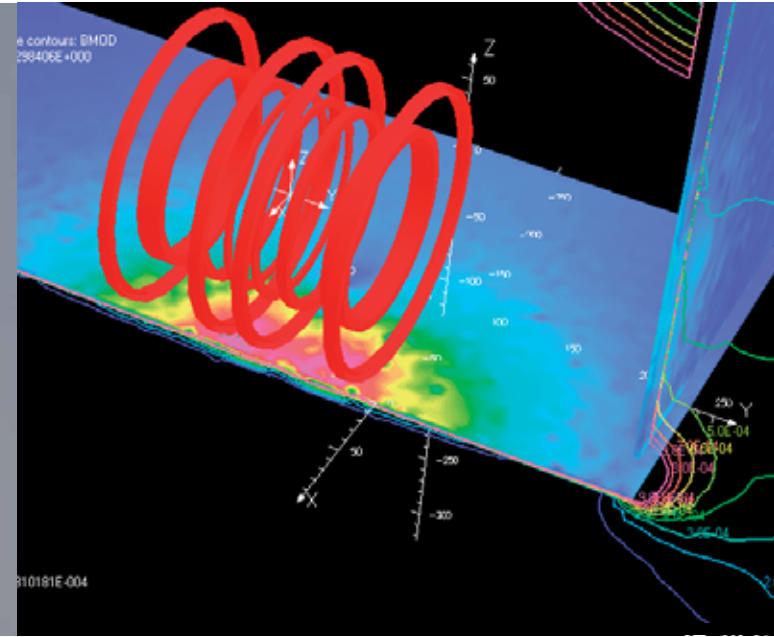
Ceilings

For designing the suspended ceilings, we offer a wide range of different ceiling variants, enabling you to choose a solution that will integrate harmoniously with your particular spatial design. We supply and install the solution in accordance with the technical requirements and your requests in the form of: aluminium panels, a grid ceiling with a sound damping layer, a sound-absorbing ceiling or a part plasterboard construction.

Lightings

Lighting conditions in the RF cabin have a great impact on wellbeing and work efficiency. Our lighting concepts contribute significantly to increasing functionality and creating a pleasant atmosphere of wellbeing, while at the same time complying with statutory regulations and ensuring MR capability.

SERVICE + ACCESSORIES



Accessories tailored to the requirements

A wide range of accessories and services are at your disposal to round off our range of supply and services. In accordance with our principle of "Everything from one source", you have a dedicated contact partner and a clear overview of all responsibilities. The advantages are streamlined decision-making procedures and completion of your project on schedule.

Our services include:

- B0, 50 Hz and vibration measurement
- Magnetic field calculation
- Magnet field lines measurement
- Patient monitoring systems
- Audio and intercom systems
- Active compensation units
- Lighting concepts
- Special filters for data transmissions

- MR-suitable, specialist furniture
- State-of-the-art air conditioning technology
- Back-lit images
- RF filters and conduits
- Helium exhaust pipes
- Oxygen monitoring
- Magnetic shielding
- Turnkey projects

SPECIAL PROJECTS



Innovative technologies

One of the most versatile ways of using magnetic resonance tomography is for optimised diagnosis in the operating theatre; an area where reliable and precisely functioning RF technology is indispensable. Thanks to our practical experience built up over many years, we have acquired the specialist know-how indispensable for creating these particularly demanding RF cabins.

Shielding concepts for tomorrow

High performance, high-field MRTs for diagnosis and research in ranges above 7.0 Tesla require special shielding. Steel shielding weighing several hundred tonnes with low manufacturing tolerances is required to reduce the magnetic field lines. Meeting the demanding challenges this imposes on logistics, accuracy and flexibility is proof of our capabilities in this area.



Self-supporting cabin construction method



In-house development department



Sophisticated sound damping concept



State-of-the-art air conditioning technology



Turnkey project completion



Results



With more than 1,200 cabins completed (as at 1/08), we are one of the world's leading FR specialists.

Europe

No of completed RF cabin projects: **930**

Of which in Germany:

No of completed RF cabin projects: **520**

Near East

No of completed RF cabin projects: **120**

Rest of Africa

No of completed RF cabin projects: **50**

Middle East

No of completed RF cabin projects: **50**

Rest of Asia

No of completed RF cabin projects: **20**

Latin America

No of completed RF cabin projects: **120**



SCHUTZTECHNIK

SAFETY THROUGH PRECISION

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