

**Your  
German  
Manufacturer**



**MS WESTFALIA GmbH**  
est. 1995

## **Blanc Cleanrooms**

**Operating theatres, X-ray operation and delivery rooms,  
recovery and intensive care units, laboratories**



**Made in  
Germany**



### **Equipment manufactured by MS Westfalia GmbH:**

**Cleanrooms** • X-Ray equipment • ENT equipment • Anaesthesia and ICU equipment • Medical lamps  
Functional diagnostics • Ophthalmology equipment • Microscopes and colposcopes • Lithotripters  
Cosmetology and SPA equipment • Physiotherapy equipment • Home photo epilators

## Modular Cleanrooms



- Blanc modular cleanroom systems manufactured by MS Westfalia GmbH make it possible to construct operating theatres and delivery rooms, recovery and intensive care units and different types of laboratories according to hygiene standards and disinfection requirements.
- Our modular system solutions available as mono-block type and SLP type (Single Leaf Planking) are suitable for complex installations and offer the greatest flexibility and individuality thanks to their variable design.
- With few handgrips, the fitted wall panels can also be dismantled and re-installed by non-specialized workmen. This means that any damages can be removed easily and ensures that technical retrofitting can be installed simply and cost-efficiently.

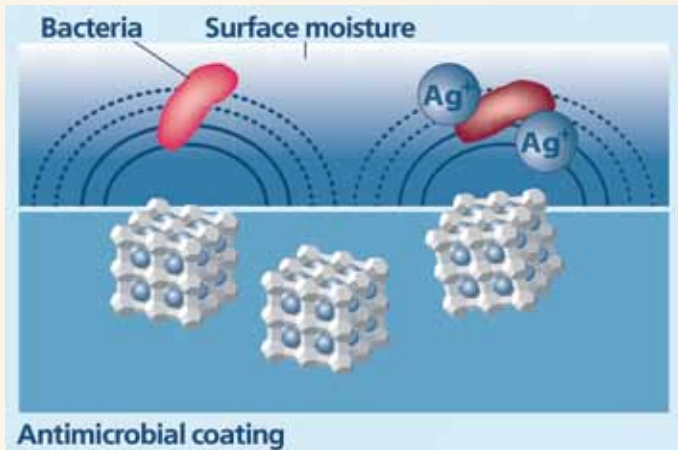
### Technical features

- Mono-block elements made of galvanized, powder coated steel or stainless steel sheet.
- Wall thicknesses from 50 to 350 mm.
- Very high stability and resistance of the wall elements against damages and the effects of humidity.
- Absolutely dry construction, without humidity content.
- Antibacterial, fungicidal and microbiologically harmless wall finish.
- Variable modular system guarantees flexible finish for different requirements (e.g. noise, radiation or fire protection).
- Trouble-free cleaning of the surfaces with commercially available cleaning and disinfection agents.
- Surfaces with antimicrobial powder coating, which provides sustained protection against micro-organisms and ensures maximum hygienic properties.
- Ceiling connection profiles suitable for all ceiling systems. This enables simple and non-destructive dismantling of the wall elements.

### Modular construction method benefits

- European and world standard of operating theatres.
- Minimum restrictions in terms of planning and design.
- Modern quality control system.
- Minimum time required for installation.
- Accessible for maintenance and repair.
- Ergonomic design helps to maximize surgeons' work efficiency.





### Antimicrobial powder coating

- Antimicrobial powder coating provides active, sustained protection against micro-organisms and this equates to maximum hygiene. The targeted releasing of natural silver ions leads to the bacteria and fungi being killed-off when they come into contact with the surface.
- The coating has a threefold effect: it blocks cellular metabolism, prevents cellular respiration, and halts cellular division, thus leading to the death of micro-organisms on contact with the surface.

### Wing doors which adapt themselves seamlessly to your requirements

- Flexible one or two leaf cleanroom wing doors consist of galvanized and powder coated steel sheets. Polyurethane foam or mineral wool is used as pressure resistant insulating material. They adapt seamlessly to individual room requirements.
- The fitting in the partition wall system with a three-part frame made from specially fabricated aluminium system profiles is carried out flush to the surface with sealing via two circulatory lip seals built into the frame and in the door leaf. As an option, the door can be equipped with an automatic sink seal in the threshold. The doors are equipped with three maintenance free door bands which can be adjusted three-dimensional.
- By equipping the one or two leaf wing doors with an electro-magnetic closing mechanism, they additionally offer the function of a lock. Here you can choose whether the locking is to be carried out via electric locks or sticking magnets.
- An operating and display panel with integral emergency-OFF button is worked into the frame on the inside and on the outside.
- MS Westfalia cleanroom doors are completely cabled. The electric connection of the control as well as the connection of the door cables with the control system is carried out during construction.



### X-ray operation cleanrooms with integrated Ares X-ray system

- Environmental and occupational protection is of vital importance in the area of radiology. MS Westfalia radiation protection systems for walls, ceiling, doors, windows and glass offer the necessary protection for X-ray operation rooms.
- It is also possible to install additional elements for radiation protection screens, control panels and electric control valve.
- It is recommended to use Ares MR X-ray C-arm system with angiographic module, manufactured by MS Westfalia GmbH, for MS Westfalia X-ray operation rooms.



## MS Westfalia GmbH. About the company

MS Westfalia GmbH (established in 1995, Troisdorf, Germany) is an ISO-certified (ISO-9001, ISO-13485) medical equipment manufacturer, producing a wide range of equipment, including modular cleanrooms, ENT units, X-ray machines, ophthalmology equipment, etc. MS Westfalia GmbH provides a full range of services:

- Consulting and planning.
- Project design and development.
- Service engineering of the equipment supplied.
- Logistics service.
- Flexible payment terms.



## Equipment manufactured by MS Westfalia GmbH



Anaesthesia and ICU equipment



X-Ray equipment



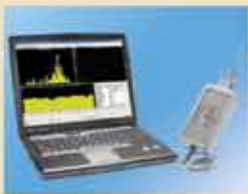
ENT equipment



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Physiotherapy equipment



Home photo epilators



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