

Maquet Variop: Wall System

Designed to grow with its tasks

Maquet Variop is based on a solid substructure that integrates needed technology within the wall system. It creates a smooth and hygienic surface for sensitive areas in a hospital such as ORs, ICUs and CSSDs. The wall elements are arranged in a three-parted manner which organizes built-in switches, sockets, and gas supply outlets. With the interchangeable wall elements, you can maintain integrated technology without a need for comprehensive building construction.



Customer values

Sustainability

- Removable at anytime for service, maintenance or future integration of new components by hospital technician
- Resistant to damages due to the use of stainless steel with rigid powder coating

Workflow support

- The installation element ensures the organized arrangement of switches, sockets and medical gas outlets
- Thanks to intensive analysis of patient, personnel, and instrument flow, resources can be allocated more efficient and therefore more cost-effectively

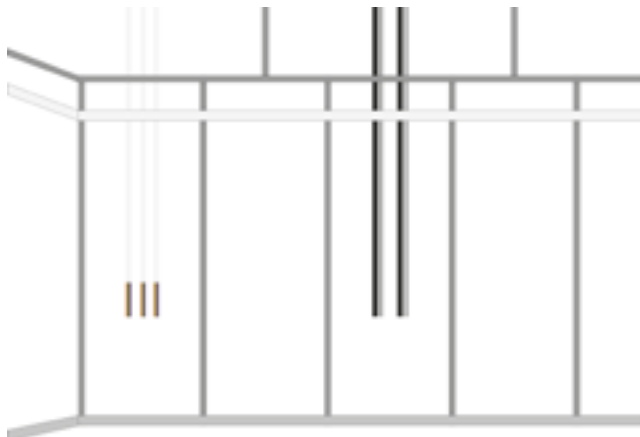
Hygiene

- Large, smooth surface with a small number of joints
- The ability to disinfect the Maquet Variop Modular Room System has been certified by a notified body

Individual design

- Numerous design opportunities through various color possibilities (modern NCS color spectrum)
- Individually printable wall and ceiling elements as well as door leaves can be customized and combined to create a unique environment

One base for all options



Substructure

- Square steel pipes (2 mm thickness)
- Floor rail
- Ceiling rail
- Topstructure to raw ceiling
- Wall cavity can be used for technical installations



Stainless steel wall elements

- Mat. no. 1.4301 (0.8 mm thickness) with 18 mm plasterboard
- 3-parted with installation element

Glass wall elements

- Toughened safety glass (10 mm thickness)
- Room-high elements with optional backlighting

Options

Built-in elements	<ul style="list-style-type: none"> • Glass elements/windows with or without radiation protection • Insulation glass • LC glass • Illuminated wall element • Control panel • Infobar • Electrical built-in elements (sockets, switches etc.) • LED x-ray film viewer • Built-in and pass-through cabinets • Wall air exhaust • Signal light • Washing area: <ul style="list-style-type: none"> - sluice, mirror, accessories
Design	<ul style="list-style-type: none"> • Maquet Variop colors in modern NCS color spectrum • Motifs and colors can be chosen from an online room design tool
Specials	<ul style="list-style-type: none"> • Digital Maquet Variop including multimedia integration • Round wall and/or ceiling profiles

Certificates

Radiation protection	<ul style="list-style-type: none"> • Natural radiation protection (stainless steel wall elements): <ul style="list-style-type: none"> - single wall 0.2 mm Pb - double wall 0.4 mm Pb • Higher values up to 3.0 mm Pb available with lead insert within wall system
Statics	<ul style="list-style-type: none"> • Wall static DIN 4103-1 • Ceiling static DIN EN 13964-1 • Earthquake test ICC Standard AC 156
Others	<ul style="list-style-type: none"> • Sound insulation DIN EN 20140-3 • Fire resistance class EI30, EI60 • Fire behavior class A2-s1,d0 • Hygienic evaluation • Antibacterial powder-coating

This document is intended to provide information to an international audience outside of the US.
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