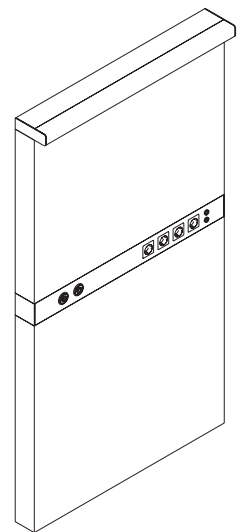


Q 100
medical supply unit



room and rest



The character of a room has considerable influence on patient well-being and their recovery. The Q100 creates spaces of calm. The product merges with the architecture to produce a single unit – an integrative room concept which becalms the clinical atmosphere – whilst providing full functionality and ergonomics for personnel and patient alike.

The Q100 is more than a medical supply unit. It is a modular construction system, solving all supply challenges and releasing space for creativity in the room design. It can be used in a number of environments, ranging from normal care duties to the care home. The Q100 provides a whole range of new design features with which to realize a homely environment. Its combinable basic form enables its perfect integration in the room design.



room for creativity

As the Q100 integrative horizontal, it is integrated flush in a wall panel. It is adaptable to the room design both in terms of material and surface and at the same time, functions as a wall protector. The connections are directly accessible from the front. The positive-fitting integrateable equipment rail profile (25 x 10 mm) for attaching medical devices represents the perfect supplement.

As the Q100 integrative vertical, it is laterally integrated in a wall panel. Thus it radiates considerable calm. The medical gas outlets can be fitted at the front or at the side.

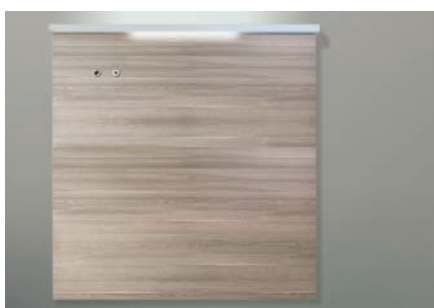


Q100 integrative horizontal



As the Q100 integrative vitra, it is integrated either flush or laterally in a wall panel. The panel acts as an access frame to a central, illuminated window. This medical care unit thus adopts an especial spatial and architectural appearance. The connections are accessible from the front and the side. Purely frontal or lateral access is also possible.

As the Q100 semi-integrative it is integrated flush in the wall panel at half height. The connections are directly accessible from the front. The positive-fitting integratable equipment rail profile (25 x 10 mm) for attaching medical devices represents the perfect supplement.



Q100 integrative vertical



Q100 integrative vitra



Q100 semi-integrative



Q100 integrative: Alfried Krupp Hospital, Essen, ward renovation; Stöbe Architekten. photo: Martin Schmüdderich, Gelsenkirchen



Q100 integrative vitra

comfort for everybody

The Q100 consists of right-angled extruded aluminium supply profiles, matching equipment rail profiles and lights with translucent extruded acrylic-satin light covers. All the necessary electric sockets and communications connections, medical gas outlets and general and reading lights are integrated in a highly-flexible modular system. High and low voltage cables and medical gas supply lines are kept isolated from each other. A special feature is the space-saving placing of electrical supply elements and medical gas outlets in one aluminium channel, yet keeping them separated from each other. This facilitates highly slim and restrained solutions. This system is adapted to the flush installation of the elements of the Gira System 55 programme. Simple fitting and maintenance of the electrical components via the removable covers. The Q100 combines restrained elegance with the level of functionality and robustness required by medical use. Its integrative form with flat surfaces makes it especially easy to clean.



Q100 integrative vertical



light is life

The luminaire unit is mounted on the base unit. The Schyns S120 LED or Schyns S121 LED luminaires are available. The S120 LED luminaire uses energy-efficient and durable LED technology for general lighting and reading light. The indirect general lighting distributes its light evenly in the room. The direct reading light can be infinitely adjusted horizontally. In this way, the position of the lighting can be optimally adapted to the situation in the care room; e.g. if the bedside table should be on the other side of the bed for left-handed people.

The S121 luminaire consistently uses energy-saving LED technology, both for indirect general lighting and direct reading light. Its housing is particularly slim and practically redefines elegance in the patient room. Both luminaires have the Schyns accessory groove on the underside, in which practical accessories can be hooked in without tools.



with S120 LED light



with S121 LED light



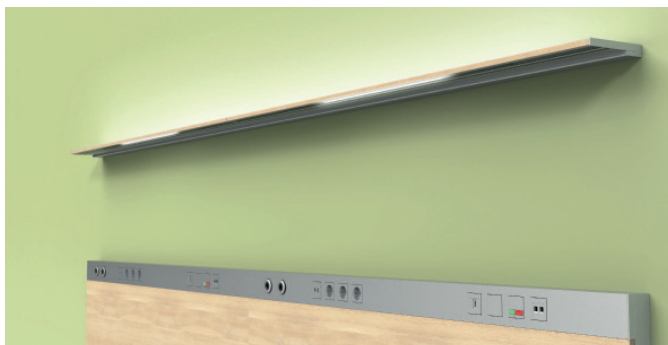
in the evening



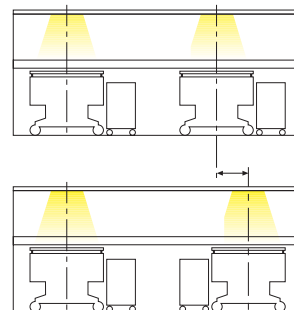
dynamic lighting

The positive effect of a dynamic lighting on the well-being of patients has been acknowledged in the meantime. With the lighting system Schyns “luxconsent” an infinitely variable adaptation of the light colour temperature between cosy warm and activating cool white is possible. Thus, the natural colour gradient of daylight and its brightness fluctuations are simulated, basis of which are highly efficient LEDs, which always guarantee a premium illumination due to their high colour rendering index.

Even more scope for design development is offered by the RGB-atmosphere light that can be integrated: by means of coloured LEDs the room is bathed in different cue states. There are no limits to colour selection. Strong colours recognizable also during daytime emphasize deliberate accents while cosy white shades care for an atmospheric ambience in the evenings. Both systems are actuated by DALI-interface. Thus, maximum flexibility and compatibility with the clinic control system is ensured.



Q100 semi-integrative with S121 LED light



more flexibility thanks to the horizontally movable reading lights

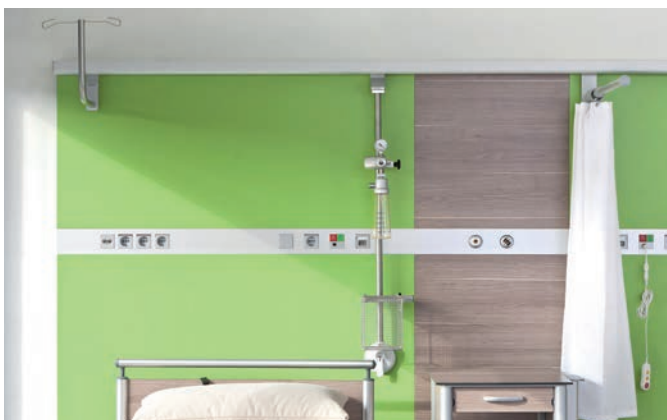


useful accessoires

The medical devices and accessories (e.g. the infusion bracket or bed separators) required in clinic routine can be fastened to the integrated equipment rail profile or in a special suspension groove underneath the light quickly, flexibly and without the need for tools – you will find further accessoires in our separate brochure.

In its newest version, the Q100 system represents the perfect solution for the deployment of multimedia terminals at the patient bed. The feed-in and wall-fastening of TV extension arms can be integrated smoothly. Focussing on the patient, the terminal of the Q100 provides a variety of functions within an arm's reach.

The positive-fitting integrateable equipment rail profile (25 x 10 mm) for attaching medical devices represents the perfect supplement.





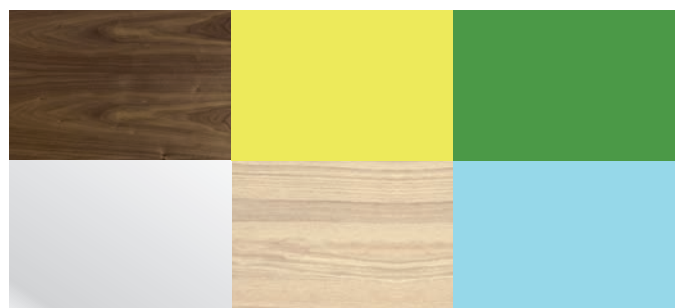
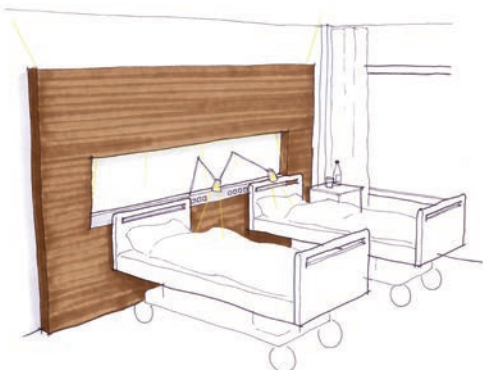
The Q100 integrative assist function modules for hygiene and ward rounds offer completely new possibilities for integrative room design. With them, a washstand and a combined fitting with soap and disinfectant dispenser, dispenser for gloves or a tablet computer for the nursing staff can be integrated into the Q100 medical supply unit as if from a single mould.





individual quality

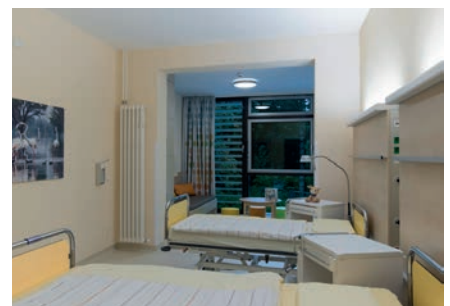
The harmonious combination of extruded, naturally coloured anodized aluminium profiles with coloured fronts make a high-class finish. A range of front decors are available, enabling the adaptation of the supply unit to the interior design or the setting of coloured accents.

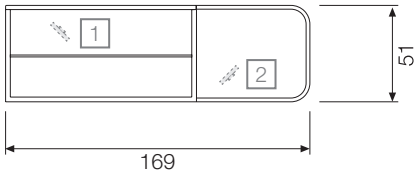




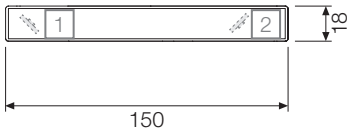
exemplary

Every project brings unique requirements. We provide individual solutions. Here is only a small selection of our finished projects. Our expertise in planning and production combined with the systematic structure of all our products enables us to make a bespoke response to your needs and wishes. We work together with you, the customer, to realize the perfect finish. You will find further attractive solutions on our website schyns.de under the menu item „inspiration“ and in our current project book – please contact us.

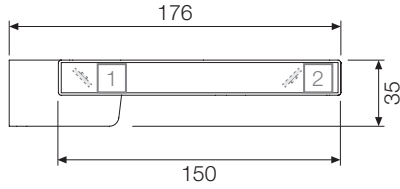




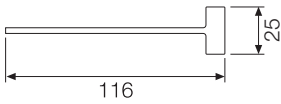
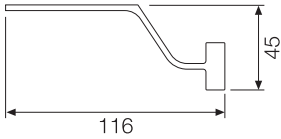
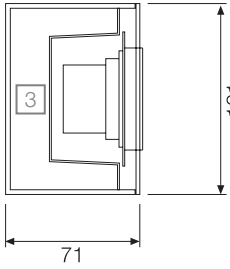
S120 LED



S121 LED luminaire module



S121 LED wall mounting



1 general light

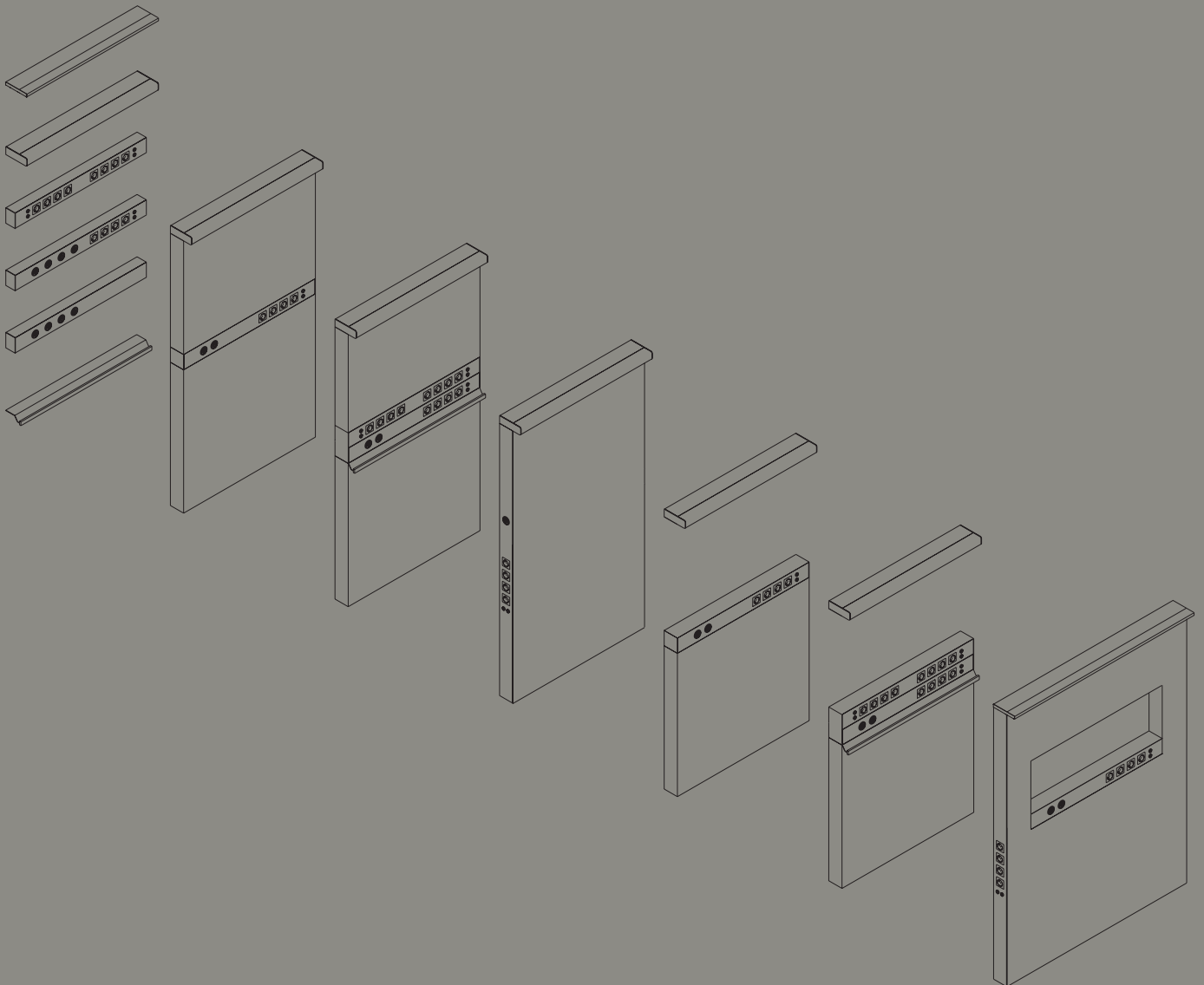
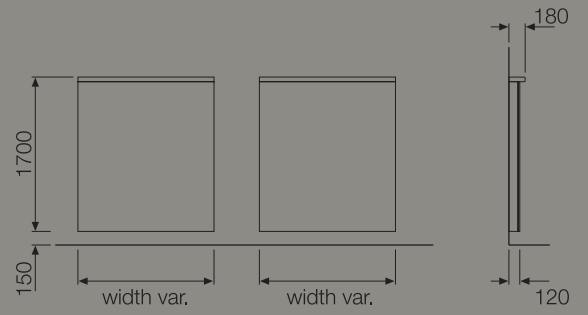
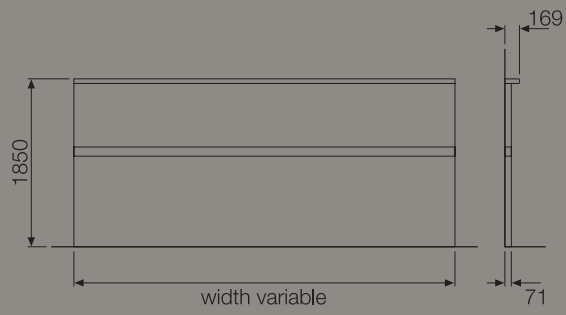
2 reading light

3 channel for high voltage / low voltage / medical gases

en detail

Basis for the development, production and testing of our medical supply units are all relevant norms (e.g. DIN EN 60601-1, DIN EN ISO 11197 etc.). Our quality management is certified according to DIN EN ISO 13485:2016 + AC:2009 Annex II of the Council Directive 93/42/EEC for medical products.







The Q 100 system offers many design possibilities for IMC and intensive care, too – contact us!