



Independant[®]

Ceiling surgery supply solutions for
operating theaters and intensive care units

Independant®

Flexible positioning and optimized usage of space in operating theaters and intensive care units

The idea of providing equipment and medical gases required for the treatment of patients through swivel-mounted ceiling pendants has long been established in practice. Flexible positioning, optimized usage of space in operating theaters and intensive care units, but also concerns relating to hygiene and safety all make this the perfect solution. The clear assignment of equipment, elimination of tripping hazards due to cables and supply lines, but also the unrestricted mobility of all components in the room speak for this concept.

KLS Martin ceiling mounts are used in surgery, endoscopy, anesthesia, as intensive care or monitor mounts. We offer tailor-made solutions for all weight classes ranging from 30 kg to 1000 kg.





Independant® Ceiling pendants

The new generation of Independant® ceiling mounts has been repackaged with a completely new design. The modular layout of the supply unit for electrical and gas modules, trays, drawers and infusion poles makes a huge contribution in reducing clutter in operating theaters and intensive care units. The overall unit is made up of the following basic components.

The **base** is the load-bearing basic component and can be configured in five lengths to suit your requirements. At the side of the base it is possible to attach **gas, electrical or data modules**, the components of which are positioned at the front or rear as required. This organizes the working environment for staff and makes it easier to operate the equipment. We provide a high integration density of power outlets, data ports, gas connections and pressure gauges for each module. In addition, particular importance was also placed on providing a space and weight-saving layout for all components. The resulting reduction in volume provides noticeably more space in the working environment. All modules can be attached to the left or right-hand side of the base as required. Individual design preferences can thus already be taken into account in the planning phase.

Infusion modules

The infusion modules can be equipped with 4-way bottle hooks in different design variants. Attachment to the multifunction rack is simple, and retrofitting is possible at any time.

Equipment cart SwingoM6

The equipment cart SwingoM6 can be effortlessly connected to the multifunction rack of the unit via a patented closure mechanism. This allows different equipment cart versions to be docked and released again via the operating handle.



E-Brake

Safe and flexible in an emergency

E-brake, the innovative electromagnetic passive brake holds the system safely in position even in the event of power failure. At the same time, the E-brake is designed to allow manual repositioning at all times.

Flat screen mount

The TFT mount is attached to the multifunction rack. Height-adjustable gas pressure arms and a height-adjustable bracket make this the perfect way to expand the available workspace.





SurroundLED

Adjustable lighting in the arm and base

Dimmable LED lights as an indirect light source for operating theaters or as an additional guide for care personnel in intensive care units: Independent* delivers appropriate lighting courtesy of the SurroundLED C in the upper arm and the SurroundLED F in the base of the unit.



BrakeGuide

Noticeably improved ease of use

The BrakeGuide with its colored LED illumination makes operating errors on the E-brake virtually impossible. It offers visual feedback to indicate at which mounting point the brake is released. Particularly in a dark OP environment, the BrakeGuide thus offers a clear boost in terms of safety and user-friendliness.



Multifunction rack

Different attachments can be mounted on the multifunction rack, which is available in three lengths. Trays, draws, flat screens and infusion modules can be added. The trays and draws can be freely adjusted to any height and can be seamlessly adapted to the dimensions of the devices that will be mounted on them.

MediSound System/sound module

Pleasant sound quality

The MediSound System is the first medically approved audio system for use in operating theaters and intensive care units. Four loudspeakers in the supply unit or optionally one external spherical speaker generate a unique sound experience.



Trays

With handles

Trays are available in different designs and widths, with buttons for controlling the brakes in the support arms and drawers that can be mounted underneath. The handles are made of hard and soft plastic to offer built-in bump and knock protection. Depending on the application requirements and available space, trays and drawers can be ergonomically affixed to the front or rear.





Independant®

The mounting systems at a glance

The supply unit can be combined with the following mounting systems:

Independant® 101

Swivel mount with vertically adjustable spring arm with a load-bearing capacity of up to 180 kg or with a motorized arm with a load-bearing capacity of up to 150 kg. Safe positioning with option of electromagnetic or pneumatic brakes.

Independant® 201

Motorized, height-adjustable swivel mount for load-bearing capacities of up to 250 kg. Large line apertures for medical gases, electric cables, and data cables. Safe positioning with electromagnetic brakes.

Independant® 301

Universal heavy-duty mounting system up to 640 kg for surgery/endoscopy/ anesthesia/intensive care. Available with either one or two-armed extension, featuring a large swivel angle. High positioning accuracy due to pneumatic brakes.

Independant® 401

Stands out from the crowd – not only thanks to a user-friendly design with no external screw fixtures. The mounting system has plenty more to offer: the wear-free, electromagnetic braking system is color-coded and available with optional LED lighting that provides optical feedback to indicate at which bearing the brake is released. Large openings and apertures enable smooth and fast installation of the ceiling-mounted supply unit. Load-bearing capacity up to 640 kg.

Independant® 501

The heavy-duty mounting system is designed for highest payloads (up to 1000 kg). The mounting system is used particularly in hybrid operating theaters or for lifting anesthesia machines.

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