

Bed Head Units

Medicop Medical Equipment

Dear clients,

With present brochure we would like to introduce our newest bed head units, which are result of our development and experiences over the decades. All units comply with demands of relevant international standards and include the most advanced technical solutions. In this brochure you will find the most important benefits which the system offers, while detailed technical data and drawings are available in our Technical Catalogue.

Our entire production program of medical equipment includes the following product-groups:

Central System
of Medical Gases

Medical
Suction Units

Oxygen
Therapy Devices

Bed Head
Units

Medical
Supporting Equipment

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CEILING MOUNTED
BED HEAD UNITS



MEDILIGHT BED HEAD UNITS

Fashion accessory for any hospital room

The MEDILIGHT bed head unit is perfectly suited for patient's rooms and other departments that require suitable lighting, electricity, telecommunications and medical gas outlets at each bed. Unit housing is made of extruded aluminium and powder coated. MEDILIGHT bed head units conform completely to ISO EN 11197 and IEC EN 60601/1 standards and provide users with the following benefits:

OPTIMAL LIGHTING

The MEDILIGHT unit can be fitted with indirect lamps for room illumination, direct lighting for illuminating the bed head areas and a night lamp. Positioning the direct lighting fixtures at a certain angle allows the light to disperse over the head of the patient and provide excellent illumination for reading, while positioning of the indirect lighting efficiently disperses light over the wall above the unit. All lamps can be fitted with an electronic starter that prevents delays when turning the lamps on.

MODERN DESIGN

The shape of the profile itself is a great leap forward from classic rectangular channels. The electricity and low power outlets are also available in the most modern design.

TAILOR MADE DESIGN

The user or designer can choose the length of the units, select a color from the RAL chart, decide on the intensity of the lighting and choose the number and positioning of separate outlets.

TOTAL SECURITY

On the inside, the unit is divided into several ducts, separated by an aluminium barrier. Such a layout allows a separate duct for each energy source (high voltage, low voltage, communications, medical gases), preventing any chance of interference between energy sources.



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SIMPLE INSTALLATION

Bed head units are mounted to the wall using a specially designed aluminium carrier that enables accurate horizontal positioning of the unit and functions as a stable platform for the fittings. Longer units are divided into multiple parts, connected together by special linking elements.

SIMPLE MAINTENANCE

Each unit has multiple covers that attach to the main assembly with a tight seal. This allows access to the lamps and the medical gas outlet clutch with no special tools when the need for replacement arises.



TECHNICAL DATA AND OPTIONS	
Power supply:	24 V, 110 V, 220-230 V, ~ 50-60 Hz
Unit dimensions:	290 mm x 183 mm x length as required
Material:	aluminium – 6063 (AlMg0.7Si)
Unit weight:	9 kg/m
Available lamp power:	5W, 18W, 36W, 58W
Light intensity:	329 lux (36W direct + 18W indirect) 539 lux (36W direct + 36W indirect) 395 lux (58W direct + 18W indirect) 329 lux (58W direct + 36W indirect)
Available medical gas outlets:	(DIN, AFNOR, BS, SS)
Available gas types:	Oxygen - O ₂ , medical air, surgical air, nitrogen - N ₂ , carbon dioxide - CO ₂ , nitrous oxide - N ₂ O, anaesthetic gas scavenging system-AGSS
Working pressure and flow of gases:	5 bar (DIN), 3.5bar (AFNOR), 4bar (BS), -0,9 bar (VACUUM) gas flow: 40 ± 3 l/min
Safety classification:	Class I, IP 20
Power safety:	B
Classification:	Class IIa by directive MDD 93/42/EWG
Color:	RAL color scale



MEDICOMPACT BED HEAD UNITS

Energy sources to suit your needs

The MEDICOMPACT bed head unit is suitable for use with hospital beds that require access to a number of electrical, telecommunications and medical gas outlets. Unit housing is made of extruded aluminium and powder coated. MEDICOMPACT bed head units conform completely to ISO EN 11197 and IEC EN 60601/1 standards and provide users with the following benefits:

COMPLETE SAFETY

Single and double ducts are available, providing a separate duct for each energy source (high voltage, low voltage, communications, medical gases), preventing any chance of interference between energy sources.

MULTIPURPOSE DESIGN

The shape of sockets for electrical and gas outlets is standardized and allows for installation of multiple types of outlets used in different countries, as well as different voltages.



SHAPED TO FIT THE USER

The user or designer can choose the length of the units, select a color from the RAL chart and choose the number and positioning of separate outlets.

TECHNICAL DATA AND OPTIONS

Power supply:	24 V, 110 V, 220-230 V, ~ 50-60 Hz
Single unit dimensions:	130 mm x 65 mm x length as required
Double unit dimensions:	230 mm x 65 mm x length as required
Material:	aluminium – 6063 (AIMg0.7Si)
Single unit weight:	1.8 kg/m
Double unit weight:	3.8 kg/m
Available medical gas outlets:	(DIN, AFNOR, BS, SS)
Available gas types:	Oxygen-O ₂ , medical air, surgical air, nitrogen-N ₂ , carbon dioxide-CO ₂ , nitrous oxide-N ₂ O, anaesthetic gas scavenging system-AGSS
Working pressure and flow of gases:	5 bar (DIN), 3.5 bar (AFNOR), 4 bar (BS), -0.9 bar (VACUUM) gas flow: 40 ± 3 l/min
Safety classification:	Class I, IP 20
Power safety:	B
Classification:	Class IIa by directive MDD 93/42/EWG
Color:	RAL color scale

MEDINTENSIVE CEILING MOUNTED BED HEAD UNITS

MEDINTENSIVE ceiling mounted bed head units are aimed particularly at intensive care wards, where patient care requires a suitable number of energy and medical gas units, as well as room for setting up various medical devices and accessories. The MEDINTENSIVE unit consists of a double MEDILIGHT or MEDICOMPACT aluminium unit. A rail carrier is installed between the two units and equipped with mobile consoles to carry various types of medical devices and accessories. Mobile consoles are available in a number of forms - shelving, drawers, rails, vertical carriers for infusion equipment, etc. Consoles can be moved horizontally and rotated. When a suitable position is reached, movement can also be blocked. The MEDINTENSIVE system brings the following benefits:

ADAPTABILITY

The MEDINTENSIVE system can be adapted to suit the special requirements of individual projects. Channel length, number and configuration of mobile consoles can all be suited to user specifications, as can the number and types of gas, electrical and telecommunications outlets and paint.

LIGHT WEIGHT

The base construction of the system and consoles is constructed from aluminium profiles that provide the necessary load bearing ability while contributing very little weight to the construction.

SYMMETRY

Energy outlets can be installed on the front or back of the unit and mobile consoles can be freely rotated. Hospital beds can be placed at the front or at the back side of the system without the need to move or rearrange any patient care equipment.



TECHNICAL DATA AND OPTIONS

Power supply:	24 V, 110 V, 220-230 V, ~ 50-60 Hz
Horizontal section dimensions:	370 mm x 220 mm x length as required
Horizontal section weight:	20 kg/m
Material:	aluminium – 6063 (AlMg0.7Si)
Mobile console shelf dimensions:	520 x 400 mm
Mobile console shelf load bearing ability:	30 kg
Mobile console drawer dimensions:	420x360x100 mm
Available medical gas outlets:	(DIN, AFNOR, BS, SS)
Available gas types:	Oxygen, medical air, surgical air, nitrogen, carbon dioxide, nitrous oxide, AGSS
Working pressure and flow of gases:	5 bar (DIN), 3.5 bar (AFNOR), 4 bar (BS), -0.9 bar (VAKUUM) gas flow: 40 ± 3 l/min
Safety classification:	Class I, IP 20
Power safety:	B
Classification:	Class IIa by directive MDD 93/42/EWG
Color:	RAL color scale





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All products comply with:
MDD 93/42/EEC and 2007/47/EEC

