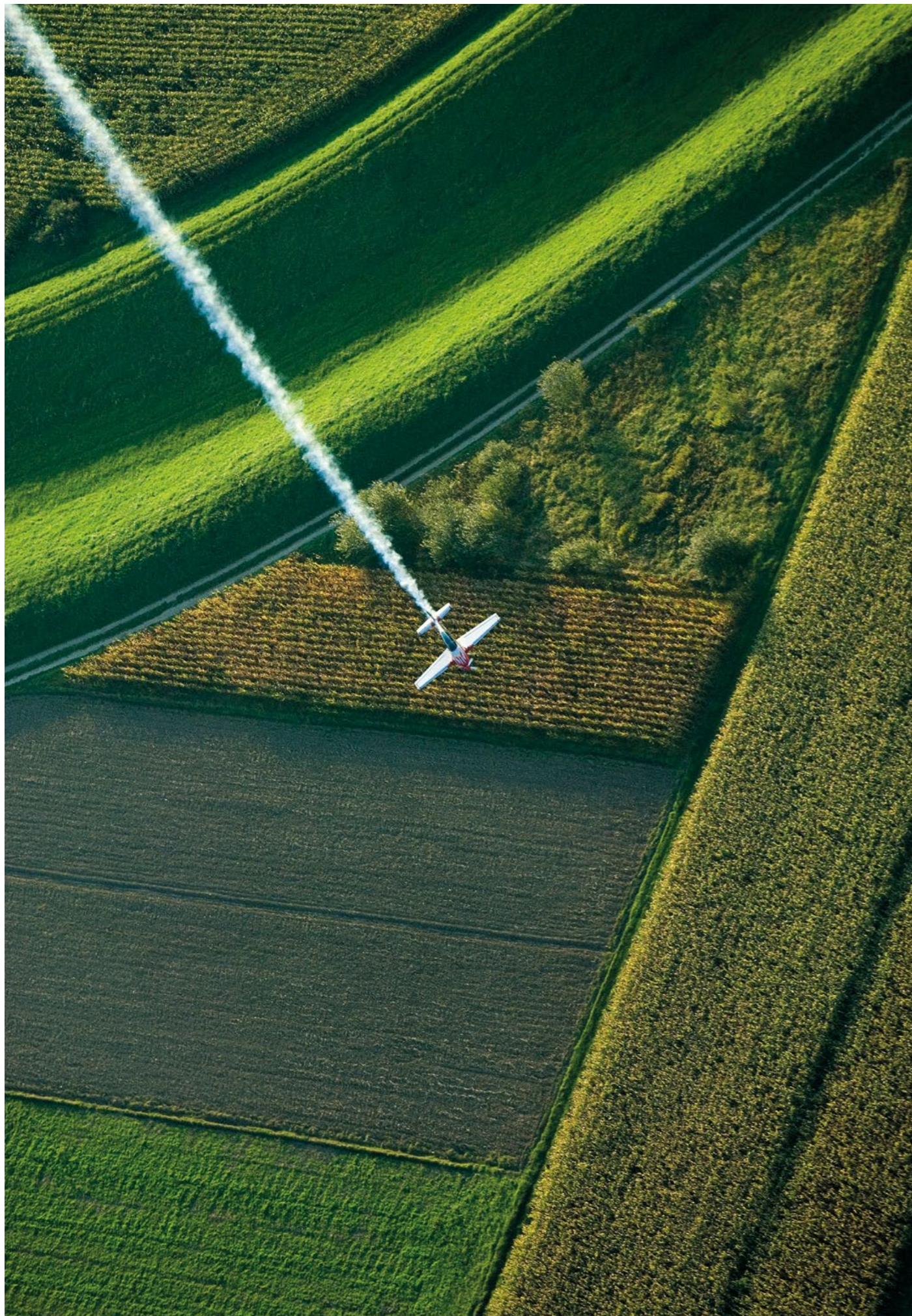


Medicop



Bed Head Units



## Medicop: A History of Experience A Story of Expertise

Medicop is an internationally renowned manufacturer of medical equipment and ambulance vehicles, widely recognised across Europe and well beyond as one of the best and most trustworthy providers of products designed to help patients and save lives everywhere.

Everyone at Medicop is well aware that we produce equipment for customers who simply cannot make nor accept mistakes – the most demanding hospitals, emergency departments, intensive care departments and health centres around the world.

This exacting policy applies to the entire Medicop product and service portfolio, consisting of Equipment for Medical Gas Systems, Bedhead Units, Oxygen Therapy Devices, Medical Suction Units and Medical Support Equipment; and to our comprehensive range of ambulances and special transport and treatment vehicles.

*Medicop products are employed in hospitals and health centres in 60 countries around the world.*

We draw our strength from our vast pool of knowledge, experience and expertise, together with a creative spirit that moves us to develop original and innovative solutions for the most demanding of clients – and all to the highest international standards. Through our in-house research and development centre we develop technologies, processes and products that provide optimal solutions to very specific needs.

### **Quality, safety and reliability, since 1978**

We at Medicop are proud of our considerable tradition, which stretches back more than 40 years to 1978, when the company was first established. We are also particularly proud of the fact that Medicop products are used in almost every health care facility in Slovenia, and employed in hospitals and health centres in 60 countries around the world.

Naturally we perform demanding functionality tests on every device we produce, ensure all devices operate according to a wide range of technical standards. And we have put in place additional quality control in various phases of production to ensure nothing stands to compromise the absolute safety and reliability of our products – products that are the result of exacting state-of-the-art engineering and manufacturing processes and procedures.

All of this and more makes us well equipped to provide healthcare facilities and institutions with the best medical gas equipment solutions, from clinics that require a mere single cylinder per week to facilities requiring hundreds of cubic metres per hour around the clock.

#### **Total control optimised and simplified**

We are well positioned to provide equipment for medical gas systems for both stationary healthcare facilities and for compact mobile shelters that can be used as mobile hospitals in an array of challenging environments.

And in this age of enhanced mobility and remote access users everywhere have complete and precise control, anywhere, over the status of all medical gases via CAN-BUS technology and other powerful technologies.

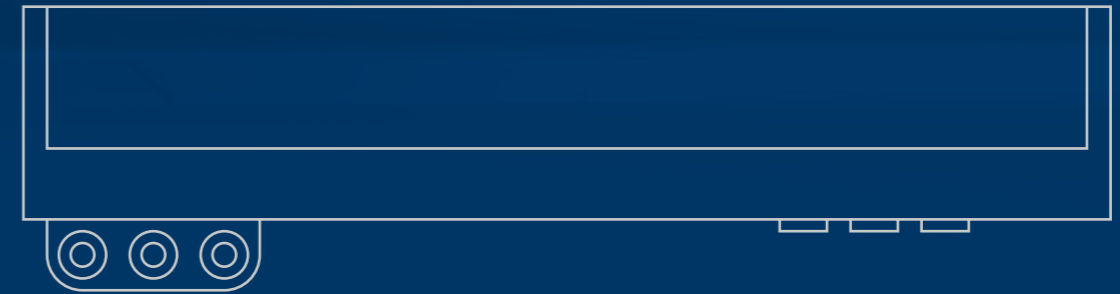
Medicop delivers each gas unit completely ready-assembled and tested, so on-site installation times can be greatly reduced and units get on line and operational all the faster. Just as important is the expert work of all our installers, who receive regular training to ensure the work of all our service team personnel meets the very highest professional standards.

*Nothing stands to compromise  
the absolute safety and reliability  
of our products.*

#### **Saving time saves lives**

We at Medicop have made it our priority to respond to clients in the shortest time possible, and to ensure goods and services are delivered on time and on budget. Deliveries and installations arrive and happen when and as promised; transport terms ensure fast and reliable deliveries, and clients are kept well abreast of the status of their orders and all other related information.

Alongside our many standard product models and configurations, we also offer customers customised solutions and adaptations to meet the most specific of requirements – and all with the greatest of safety concerns foremost in mind. We work hard to meet the entire range of customer requirements and expectations, and to make the customer and user experience as convenient, effective and reliable as possible.



M E D I L I G H T B E D H E A D U N I T S

Bed Head Units are an integral part of patient rooms and an array of treatment units in hospitals, healthcare centres and clinics the world over. They provide a number of key services and enable essential procedures: they provide lighting, electricity, telecommunications and medical gas outlets for each bed.

Medicop Bed Head Units deliver optimal direct and indirect lighting, for everything from treatment to reading. They employ contemporary design, which makes them as pleasing to the senses as they are functional, convenient and effective. Similarly, Medicop Bed Head Units are designed to be lightweight and highly adaptable, for maximum flexibility and compatibility. They are also exceedingly safe to use, indeed to live with. And just as important they are easy to both install and maintain, which keeps them working safely and effectively.

*Designed for the senses,  
engineered to perform.*



The BHU-MEDILIGHT bed head unit is the perfect solution for patient rooms and departments that require good, flexible lighting, power, communications and medical gas outlets exactly where and when they are needed. All Medicop unit housings are made of extruded aluminium and are powder coated.

BHU-MEDILIGHT bed head units conform in all respects to ISO EN 11197 and IEC EN 60601/1 standards and deliver a number of important features and benefits



#### OPTIMAL LIGHTING

The BHU-MEDILIGHT unit can be fitted with indirect lamps for room illumination, direct lighting for illuminating the immediate bed head, and a night light. Direct lighting can be adjusted to allow the light to disperse over the head of the patient and to provide excellent reading light; adjusting indirect lighting effectively disperses light across the wall above the unit. All lamps can be fitted with an electronic start mechanism that prevents any delay in powering up the lamp.

#### CONTEMPORARY DESIGN

The shape of the profile itself represents a well-engineered leap forward from the classic rectangular-shaped channels. The electricity and low power outlets are also available in the most contemporary of designs.

#### SIMPLE MAINTENANCE

Each unit features multiple covers that attach to the main assembly with a tight seal. This scheme allows access to the lamps and the medical gas outlet clutch without the need for any special tools when the need for replacement arises.

#### 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 also serves as a stable platform for the fittings. Longer units are divided into multiple parts, connected together by special linking elements.

#### TAILOR-MADE SOLUTIONS

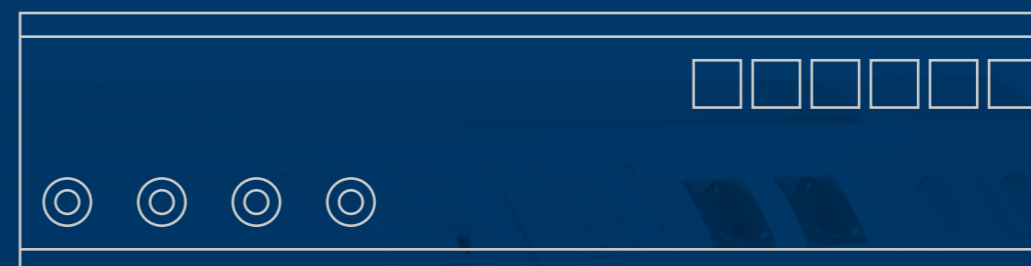
The designer or user can choose the length of the unit, select a colour from the RAL chart, decide on the intensity of the lighting and choose the number and location of the outlets.

#### TOTAL SECURITY

Inside, the unit is divided into several ducts that are separated by an aluminium barrier. This layout scheme provides a separate duct for each feed source – high voltage, low voltage, communications, medical gases – which prevents any possible influence or interference between essential feeds.

# MEDILIGHT BHU Technical data and options

<b>POWER SUPPLY</b>	24 V, 110 V, 220-230 V, ~ 50-60 Hz
<b>UNIT DIMENSIONS</b>	290 mm x 183 mm x length as required
<b>AVAILABLE LAMP POWER</b>	6W – night light (E14 bulb)  18W – direct/reading light (compact fluorescent)  24W – direct/reading light (compact fluorescent)  36W – direct/reading light (compact fluorescent)  8,5W – direct/reading light (LED)  36W – indirect/room light ( T8 fluorescent)  39W – indirect/room light ( T5 fluorescent)  54W – indirect/room light ( T5 fluorescent)  20W – indirect/room light ( LED)
<b>AVAILABLE MEDICAL GAS OUTLETS</b>	(DIN, AFNOR, BS, SS)
<b>AVAILABLE GAS TYPES</b>	Oxygen-O <sub>2</sub> , medical air, surgical air, nitrogen-N <sub>2</sub> , carbon dioxide-CO <sub>2</sub> ,  nitrous oxide-N <sub>2</sub> O, anaesthetic gas scavenging system-AGSS
<b>WORKING PRESSURE AND FLOW OF GASES</b>	5bar (DIN), 3.5bar (AFNOR), 4bar (BS), -0,9 bar (VACUUM), gas flow: 40 ± 3 l/min
<b>SAFETY CLASSIFICATION</b>	Class I, IP 20
<b>POWER SAFETY</b>	B
<b>CLASSIFICATION</b>	Class IIa by directive MDD 93/42/EWG
<b>COLOR</b>	RAL color scale



M E D I C O M P A C T B E D H E A D U N I T S

*Power where you need it.*



The BHU-MEDICOMPACT bed head unit is perfectly designed for use with hospital beds that require access to a number of electrical, telecommunications and medical gas outlets. The unit housing is made of extruded aluminium and powder coated.

BHU-MEDICOMPACT bed head units conform in all respects to ISO EN 11197 and IEC EN 60601/1 standards and deliver a number of important features and benefits.

#### COMPLETE SAFETY

Single- and double-duct versions are available, providing a separate duct for each feed source (high voltage, low voltage, communications, medical gases), thereby preventing any possible influence or interference between feed sources.

#### MULTIPURPOSE DESIGN

The shape of sockets for electrical and gas outlets is standardized and allows for an array of different types of outlets from different countries to be installed, as well as different voltages.

#### USER-FIT, USER-FRIENDLY

The designer or user can choose the length of the unit, select a colour from the RAL chart, and choose the number and location of the outlets.





# MEDICOMPACT BHU Technical data and options

<b>POWER SUPPLY</b>	24 V, 110 V, 220-230 V, ~ 50-60 Hz
<b>SINGLE UNIT DIMENSIONS</b>	130 mm x 65 mm x length as required
<b>DOUBLE UNIT DIMENSIONS</b>	230 mm x 65 mm x length as required
<b>AVAILABLE LAMP POWER</b>	6W – night light (E14 bulb)  18W – direct/reading light (compact fluorescent)  24W – direct/reading light (compact fluorescent)  36W – direct/reading light (compact fluorescent)  8,5W – direct/reading light (LED)  36W – indirect/room light ( T8 fluorescent)  39W – indirect/room light ( T5 fluorescent)  54W – indirect/room light ( T5 fluorescent)  20W – indirect/room light ( LED)
<b>AVAILABLE MEDICAL GAS OUTLETS</b>	(DIN, AFNOR, BS, SS)
<b>AVAILABLE GAS TYPES</b>	Oxygen-O <sub>2</sub> , medical air, surgical air, nitrogen-N <sub>2</sub> , carbon dioxide-CO <sub>2</sub> ,  nitrous oxide-N <sub>2</sub> O, anaesthetic gas scavenging system-AGSS
<b>WORKING PRESSURE AND FLOW OF GASES</b>	5bar (DIN), 3,5bar (AFNOR), 4bar (BS), -0,9 bar (VACUUM), gas flow: 40 ± 3 l/min
<b>SAFETY CLASSIFICATION</b>	Class I, IP 20
<b>POWER SAFETY</b>	B
<b>CLASSIFICATION</b>	Class IIa by directive MDD 93/42/EWG
<b>COLOR</b>	RAL color scale



M E D I N T E N S I V E C E I L I N G  
M O U N T E D B E D H E A D U N I T S

*Flexible mobility for a better treatment experience.*

BHU-MEDINTENSIVE ceiling-mounted bed head units are aimed particularly at intensive care wards, where effective patient care requires a number of energy and medical gas unit connections, as well as room for various medical devices and accessories.

The BHU-MEDINTENSIVE unit consists of a double BHU-MEDILIGHT or BHU-MEDICOMPACT aluminium unit. A rail carrier is installed between the two units and is equipped with mobile consoles to accommodate various medical devices and accessories. Mobile consoles come in a variety of forms – as shelving, drawers, rails, stands for infusion equipment and more.

Consoles can be moved horizontally and rotated, and can also be made immobile as required. The BHU-MEDINTENSIVE system provides the following features and benefits.





#### ADAPTABLE

The BHU-MEDINTENSIVE system can be adapted to suit the special requirements of individual projects and applications. The channel length, number and configuration of mobile consoles can all be customized to user specifications, as can the number and types of gas, electrical and telecommunications outlets – even paint.

#### SYMMETRICAL

Power 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 the back of the system, without moving or rearranging any patient care equipment.

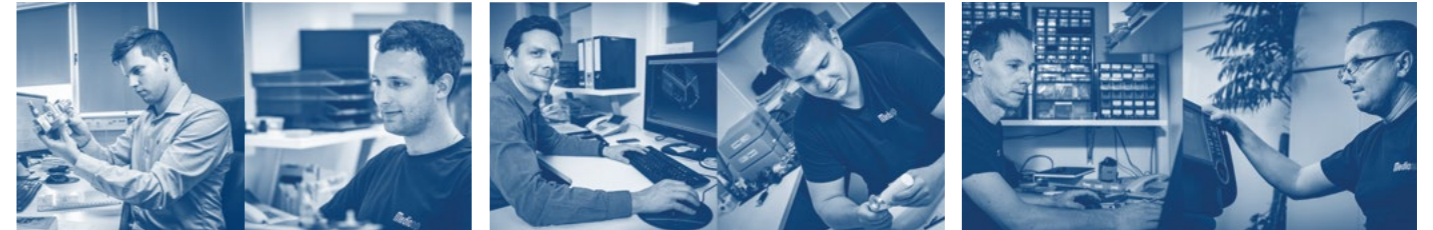
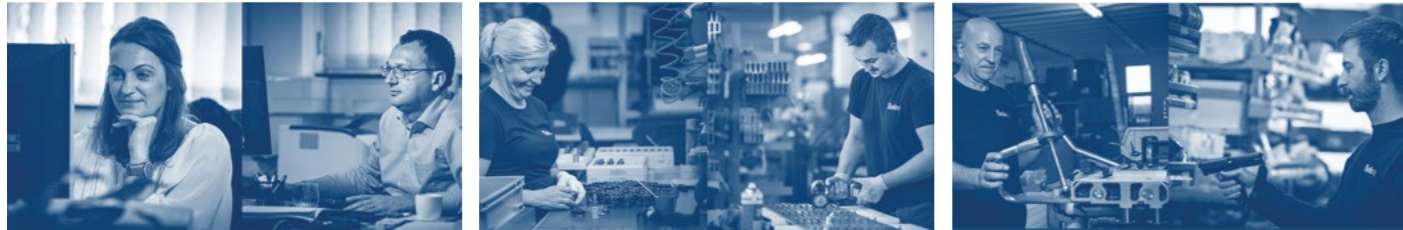
#### LIGHT WEIGHT

The system base structure and consoles are constructed from aluminium profiles, which provide substantial load-bearing characteristics while remaining very light.

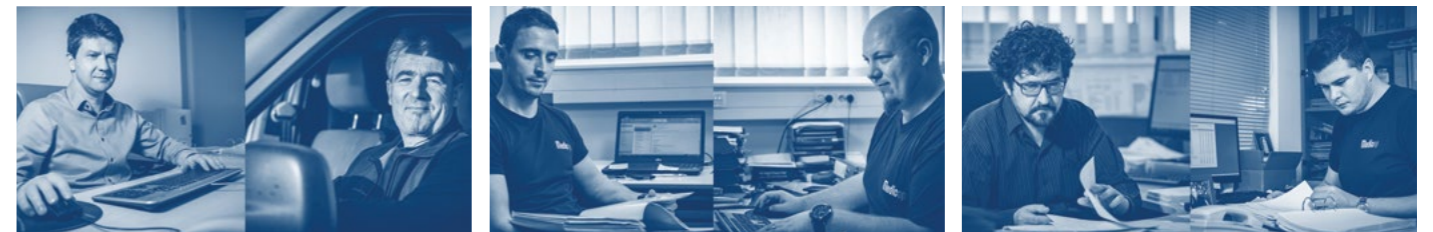
## MEDINTENSIVE BHU Technical data and options

<b>POWER SUPPLY</b>	24 V, 110 V, 220-230 V, ~ 50-60 Hz
<b>HORIZONTAL SECTION DIMENSIONS</b>	370 mm x 220 mm x length as required
<b>AVAILABLE LAMP POWER</b>	6W – night light (E14 bulb)  18W – direct/reading light (compact fluorescent)  24W – direct/reading light (compact fluorescent)  36W - direct/reading light (compact fluorescent)  8,5W - direct/reading light (LED)  36W – indirect/room light ( T8 fluorescent)  39W – indirect/room light ( T5 fluorescent)  54W – indirect/room light ( T5 fluorescent)  20W – indirect/room light ( LED)
<b>MOBILE CONSOLE SHELF DIMENSIONS</b>	520 x 400 mm
<b>MOBILE CONSOLE DRAWER DIMENSIONS</b>	420x360x100 mm
<b>AVAILABLE MEDICAL GAS OUTLETS</b>	(DIN, AFNOR, BS, SS)
<b>AVAILABLE GAS TYPES</b>	Oxygen-O <sub>2</sub> , medical air, surgical air, nitrogen-N <sub>2</sub> , carbon dioxide-CO <sub>2</sub> ,  nitrous oxide-N <sub>2</sub> O, anaesthetic gas scavenging system-AGSS
<b>WORKING PRESSURE AND FLOW OF GASES</b>	5bar (DIN), 3,5bar (AFNOR), 4bar (BS), -0,9 bar (VACUUM), gas flow: 40 ± 3 l/min
<b>SAFETY CLASSIFICATION</b>	Class I, IP 20
<b>POWER SAFETY</b>	B
<b>CLASSIFICATION</b>	Class IIa by directive MDD 93/42/EWG
<b>COLOR</b>	RAL color scale

For additional information go to  
[WWW.MEDICOP.EU](http://WWW.MEDICOP.EU)



# Medicop



*Medicop, a history of expertise*

