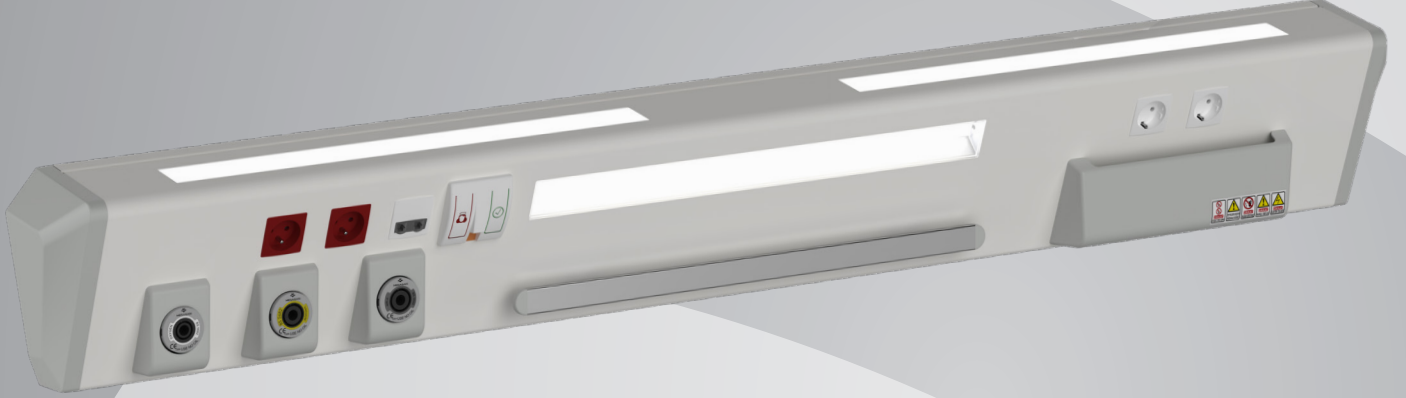
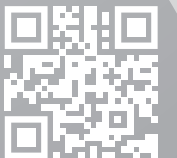




MEGASAN



Patient Bedhead Service Units



www.megasan.com.tr



MEGASAN Medical entered the sector in 1981 with assembly and maintenance works and started production in 1998.

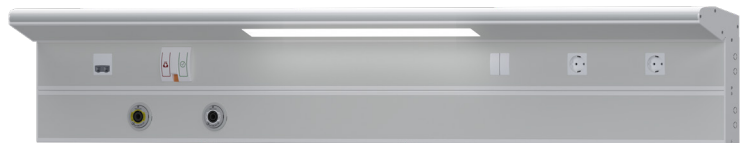
It continues its activities in its production facility established on a total area of 70 thousand m² with a closed area of 14 thousand m². There is also a showroom in Ankara where the R&D and sales departments are located. Today, **MEGASAN Medikal A. Ş.** is one of the largest medical gas manufacturers in Europe. In addition to patient service units in its product range, it produces central medical gas plants, medical vacuum plants, medical air plants, area valve service units, medical gas outlets, gas modules, intensive care and emergency service units, pendants, gas adapters.

Today, **MEGASAN** has the rightful pride of offering dozens of best quality products and serves in gas installation projecting, installation and maintenance with its modern manufacturing building equipped with sensitive technological devices and equipments, engineers, extremely well-trained technicians, assembly and maintenance personnels. **MEGASAN Medikal**, is proud of its values and determined mind

Our aim; By closely following scientific and technological developments and following a policy parallel to the globalization process in the world, we aim to maintain our leading position in our sector and become a more respected company around the world, while also strengthening this leadership.

Megasan, has the CE (Conformity of Europe) certificate which is very rare in the medical sector in Turkey, proudly states once again that while providing the best service to all its customers;

"The quality of our products is our best reference"



Product Name: Patient Bedhead Unit Elite Model
Product Code: MG-HBEx



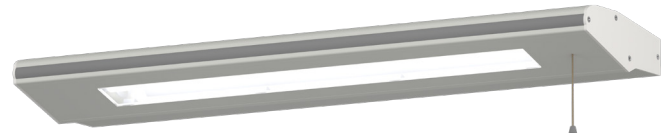
Product Name: Patient Bedhead Unit Scissors Model
Product Code: MG-HBMx

Systems in which electricity, lighting, weak current and medical gases needed for patients are available as a whole.

Patient bedside units are multifunctional systems designed to manage the care and treatment processes of patients in hospitals and healthcare facilities more effectively and safely. These units provide a consolidated solution for the electrical, lighting, low-voltage (such as data communication), medical gases, and other medical requirements that patients need.

The primary objective of these systems is to ensure the comfort and safety of patients. Through electrical connections, power is provided for the medical devices and personal devices of patients. Lighting ensures that patient rooms are well-lit and comfortable. The low-voltage infrastructure is used for tracking health data, updating medical records, and communication, while the medical gas systems assist in delivering oxygen and other medical gases to patients in precise doses.

Patient bedside units also offer data collection and monitoring capabilities that help healthcare professionals manage patient care more effectively. These systems enable patients to have a better treatment experience and allow healthcare staff to closely monitor their patients. Therefore, patient bedside units are a crucial component of modern healthcare services.



Product Name: Wall Lighting
Product Code: MG-DA

Intended Use:

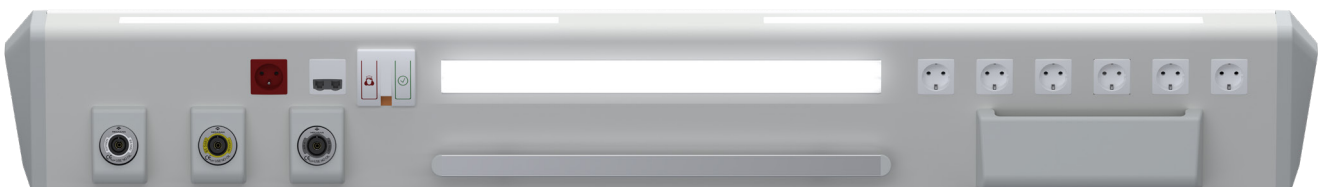
These are the units used in the treatment and care of patients by allowing the electricity and gas supply required in hospitals to assist healthcare personnel through various accessories, allowing some medical devices and equipment to operate.

Places of Use:

Generally used in patient rooms(wards), VIP rooms, dialysis service, emergency rooms.

Product Conforming to the following Standards

- ✓ EN 62366-1 : 2015
- ✓ EN ISO 15223-1 : 2021
- ✓ EN ISO 20417 : 2021
- ✓ EN ISO 11197 : 2019
- ✓ EN ISO 14971 : 2020
- ✓ EN 60601-1 : 2009
- ✓ HTM02-01

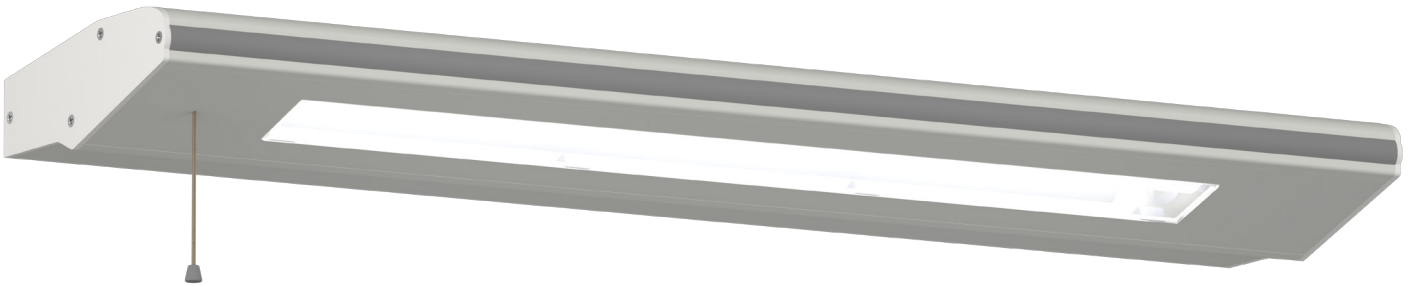


Product Name: Patient Bedhead Unit Scissors Model
Product Code: MG-HBMx



Product Name: Patient Bedhead Unit Space Model
Product Code: MG-HBSx

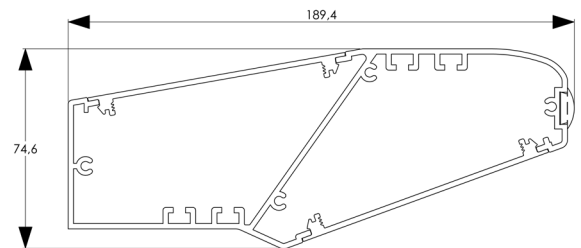
WALL LIGHTING



Installation Space Features: Sufficient flat wall width required.

Standard Unit Technical Specifications:

Product Code	: MG-DA
Gas Equipment	: ---
Electrical Equipment	: 1 x Double Pull Cord Lighting switch, 1 x 9W (Led Fluorescent), 1 x 18 W (Led Fluorescent)
Body Grounding	: Available
Spot Light Fitting Option	: Available
Nurse Call Add Option	: Available
Number of Channels	: 2 Pieces
Supply Voltage	: 220-240 V 50-60 Hz
Length	: 120-150 cm
Package Type	: Package
Package Dimensions	: 121 x 18 x 8 cm
Weight	: 4 Kg Main
Material Structure	: Aluminum Extrusion
Antibacterial Paint Option	: Available*
Color Options	: Blue, Yellow, Red, Lilac**



* Antibacterial paint option may differ from normal paints.

** Different color options may be charged additionally.

Illumination / Lighting

It provides ambient lighting at intensities and angles that will not disturb patients in areas and time periods where lighting is required. There is indirect lighting on the upper side of the unit that can be used as a night light and direct lighting on the lower side that can be used as a reading lamp.

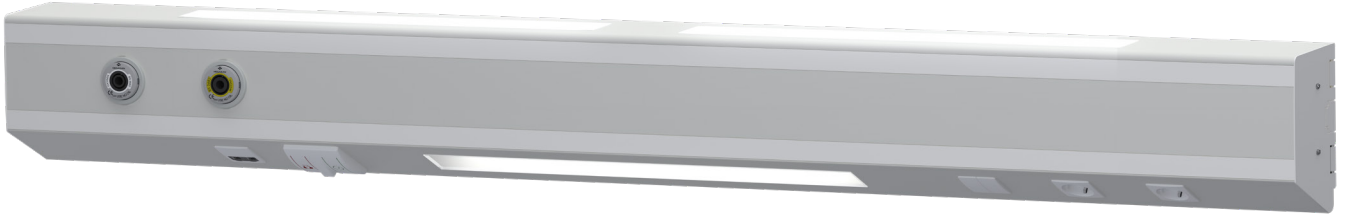
Elegant and Minimal Design

It has an ergonomic and stylish design suitable for modern hospital architecture. Occupies the least possible volume with its compact structure.

Non-sharp and Easy-to-Clean Surfaces

Its ergonomic and functional design minimizes injuries from bumps and trips. The wall lighting is perfectly cleanable thanks to its plastic patterns with minimal surface roughness and a fine-grained powder-coated finish.

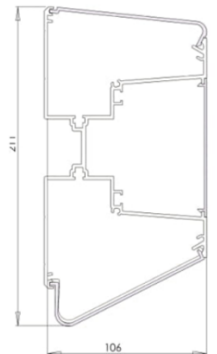
STANDARD Patient Bedhead Unit



Installation Space Features: Sufficient flat wall width required.

Standard Unit Technical Specifications (One-Person):

Product Code	: MG-HBx x:1,2,3
Recommended Gas Equipment	: 1 x Oxygen Gas Outlet, 1 x Vacuum Gas Outlet
Recommended Electrical Equipment:	2 x Power Outlets 1 x Commutator Switch 1 x 9 W (Led Fluorescent), 1 x 18 W (Led Fluorescent)
Body Grounding	: Available
Spot Light Fitting Option	: Available
Nurse Call Add Option	: Available
Number of Channels	: 3 Pieces
Supply Voltage	: 220-240 V 50-60 Hz
Length	: 125-180 cm (for one-person model)
Package Type	: Cardboard Box
Accessories (Optional)	: Gas Outlets, Grounding Node, Data Outlet, Nurse Call System.
Antibacterial Paint Option	: Available*
Color Options	: Blue, Yellow, Red, Lilac**



- Insulated Electrical System
- Safe and Precise Production
- Halogen-Free Cables
- Illumination / Lighting
- Elegant and Minimal Design
- Non-sharp and Easy-to-Clean Surfaces
- Vertical Use Option
- Easy Installation, Service and Maintenance

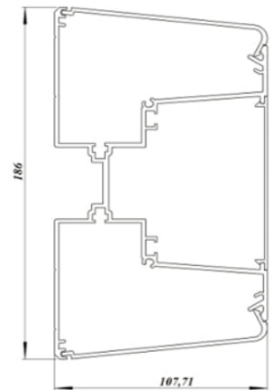
RECTANGULAR Patient Bedhead Unit



Installation Space Features: Sufficient flat wall width required.

Standard Unit Technical Specifications (One-Person):

Product Code	: MG-HBRx x:1,2,3
Recommended Gas Equipment	: 1 x Oxygen Gas Outlet 1 x Vacuum Gas Outlet
Recommended Electrical Equipment:	2 x Power Outlets 1 x Commutator Switch 1 x 9 W (Led Fluorescent) 1 x 18 W (Led Fluorescent)
Body Grounding	: Available
Spot Light Fitting Option	: Available
Nurse Call Add Option	: Available
Number of Channels	: 3 Pieces
Supply Voltage	: 220-240 V 50-60 Hz
Length	: 125-180 cm (for one-person model)
Package Type	: Cardboard Box
Accessories (Optional)	: Gas Outlets, Grounding Node, Data Outlet, Nurse Call System.
Antibacterial Paint Option	: Available*
Color Options	: Blue, Yellow, Red, Lilac**

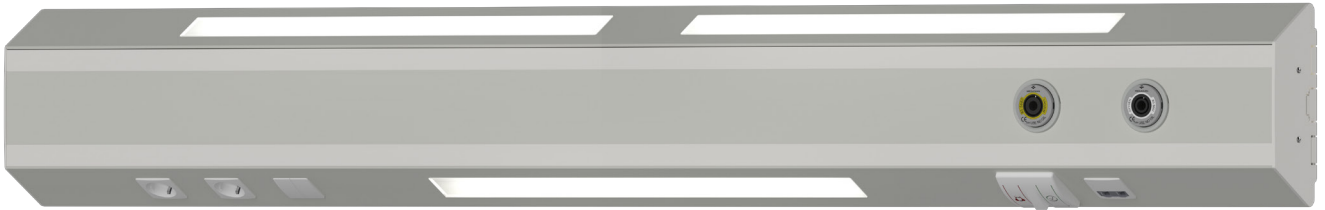


* Antibacterial paint option may differ from normal paints.

** Different color options may be charged additionally.

- Insulated Electrical System
- Safe and Precise Production
- Halogen-Free Cables
- Illumination / Lighting
- Elegant and Minimal Design
- Non-sharp and Easy-to-Clean Surfaces
- Vertical Use Option
- Easy Installation, Service and Maintenance

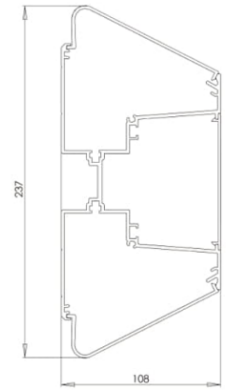
TRAPEZ Patient Bedhead Unit



Installation Space Features: Sufficient flat wall width required.

Standard Unit Technical Specifications (One-Person):

Product Code	: MG-HBTx x:1,2,3
Recommended Gas Equipment	: 1 x Oxygen Gas Outlet 1 x Vacuum Gas Outlet
Recommended Electrical Equipment	: 2 x Power Outlets 1 x Commutator Switch 1 x 9 W (Led Fluorescent) 1 x 18 W (Led Fluorescent)
Body Grounding	: Available
Spot Light Fitting Option	: Available
Nurse Call Add Option	: Available
Number of Channels	: 3 Pieces
Supply Voltage	: 220-240 V 50-60 Hz
Length	: 125-180 cm (for one-person model)
Package Type	: Cardboard Box
Accessories (Optional)	: Gas Outlets, Grounding Node, Data Outlet, Nurse Call System.
Antibacterial Paint Option	: Available*
Color Options	: Blue, Yellow, Red, Lilac**



* Antibacterial paint option may differ from normal paints.

** Different color options may be charged additionally.

- Insulated Electrical System
- Safe and Precise Production
- Halogen-Free Cables
- Illumination / Lighting
- Elegant and Minimal Design
- Non-sharp and Easy-to-Clean Surfaces
- Vertical Use Option
- Easy Installation, Service and Maintenance

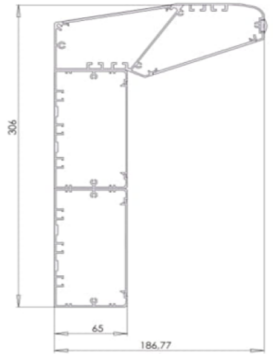
ELITE Patient Bedhead Unit



Installation Space Features: Sufficient flat wall width required.

Standard Unit Technical Specifications (One-Person):

Product Code	: MG-HBEx x:1,2,3
Recommended Gas Equipment	: 1 x Oxygen Gas Outlet 1 x Vacuum Gas Outlet
Recommended Electrical Equipment	: 2 x Power Outlets 1 x Commutator Switch 1 x 9 W (Led Fluorescent) 1 x 18 W (Led Fluorescent)
Body Grounding	: Available
Spot Light Fitting Option	: Available
Nurse Call Add Option	: Available
Number of Channels	: 4 Pcs
Supply Voltage	: 220-240 V 50-60 Hz
Length	: 125-180 cm (for one-person model)
Package Type	: Cardboard Box
Accessories (Optional)	: Gas Outlets, Grounding Node, Data Outlet, Nurse Call System.
Antibacterial Paint Option	: Available*
Color Options	: Blue, Yellow, Red, Lilac**

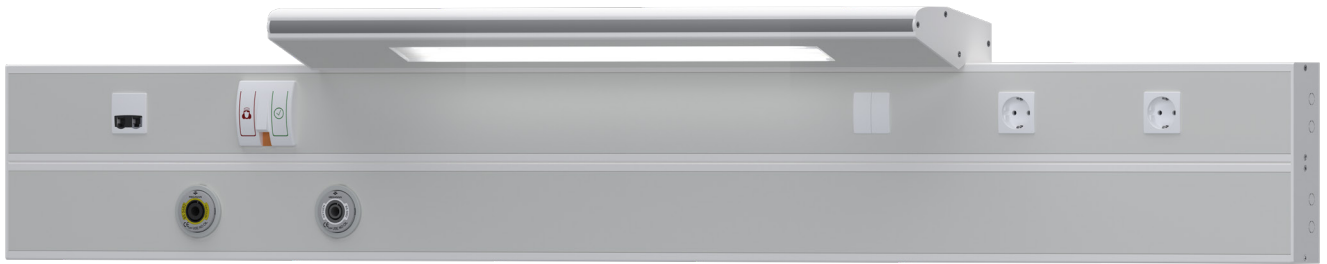


* Antibacterial paint option may differ from normal paints.

** Different color options may be charged additionally.

- Insulated Electrical System
- Safe and Precise Production
- Halogen-Free Cables
- Illumination / Lighting
- Elegant and Minimal Design
- Non-sharp and Easy-to-Clean Surfaces
- Easy Installation, Service and Maintenance

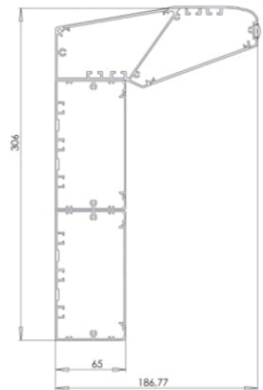
NEXT Patient Bedhead Unit



Installation Space Features: Sufficient flat wall width required.

Standard Unit Technical Specifications (One-Person):

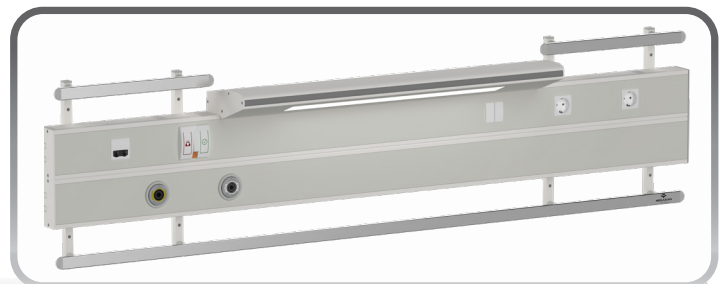
Product Code	: MG-HBNx x:1,2,3
Recommended Gas Equipment	: 1 x Oxygen Gas Outlet 1 x Vacuum Gas Outlet
Recommended Electrical Equipment	: 2 x Power Outlet 1 x Commutator Switch 1 x 9 W (Led Fluorescent) 1 x 18 W (Led Fluorescent)
Body Grounding	: Available
Spot Light Fitting Option	: Available
Nurse Call Add Option	: Available
Number of Channels	: 4 Pieces
Supply Voltage	: 220-240 V 50-60 Hz
Length	: 125-180 cm (for one-person model)
Package Type	: Cardboard Box
Accessories (Optional)	: Gas Outlets, Grounding Node, Data Outlet, Nurse Call System
Antibacterial Paint Option	: Available*
Color Options	: Blue, Yellow, Red, Lilac**



* Antibacterial paint option may differ from normal paints.

** Different color options may be charged additionally.

- Insulated Electrical System
- Safe and Precise Production
- Halogen-Free Cables
- Illumination / Lighting
- Elegant and Minimal Design
- Non-sharp and Easy-to-Clean Surfaces
- Easy Installation, Service and Maintenance

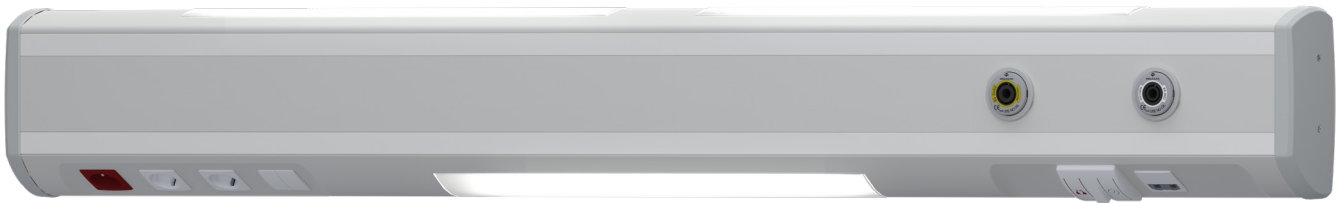


Equipment rail (optional)

Provides secure fixing of the necessary accessories used on the unit.

Rail Dimensions: 25X10mm

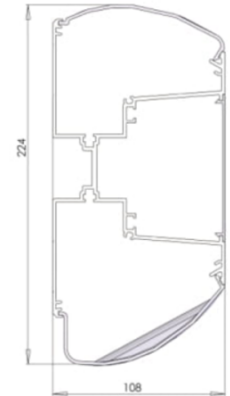
CYPRUS Patient Bedhead Unit



Installation Space Features: Sufficient flat wall width required.

Standard Unit Technical Specifications (One-Person):

Product Code	: MG-HBCx x:1,2,3
Recommended Gas Equipment	: 1 x Oxygen Gas Outlet, 1 x Vacuum Gas Outlet
Recommended Electrical Equipment	: 2 x Power Outlets 1 x Commutator Switch 1 x 9 W (Led Fluorescent) 1 x 18 W (Led Fluorescent)
Body Grounding	: Available
Spot Light Fitting Option	: Available
Nurse Call Add Option	: Available
Number of Channels	: 3 Pieces
Supply Voltage	: 220-240 V 50-60 Hz
Length	: 155-180 cm (for one-person model)
Package Type	: Cardboard Box
Accessories (Optional)	: Gas Outlets, Grounding Node, Data Outlet, Nurse Call System.
Antibacterial Paint Option	: Available*
Color Options	: Blue, Yellow, Red, Lilac**



* Antibacterial paint option may differ from normal paints.

** Different color options may be charged additionally.

- Insulated Electrical System
- Safe and Precise Production
- Halogen-Free Cables
- Illumination / Lighting
- Elegant and Minimal Design
- Non-sharp and Easy-to-Clean Surfaces
- Vertical Use Option
- Easy Installation, Service and Maintenance

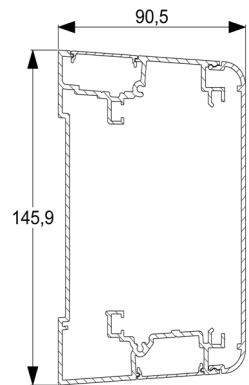
SPACE Patient Bedhead Unit



Installation Space Specifications: Sufficient flat wall width required.

Standard Unit Technical Specifications (One-Person):

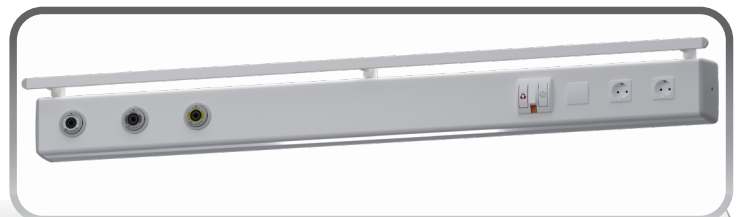
Product Code	: MG-HBSx x:1,2,3
Recommended Gas Equipment	: 1 x Oxygen Gas Outlet 1 x Vacuum Gas Outlet
Recommended Electrical Equipment	: 2 x Power Outlets 1 x Commutator Switch 1 x 7.75 W (Led Fluorescent) 1 x 15.50 W (Led Fluorescent)
Body Grounding	: Available
Spot Light Fitting Option	: Available
Nurse Call Add Option	: Available
Number of Channels	: 3 Pieces
Supply Voltage	: 220-240 V 50-60 Hz
Length	: 105- 160 cm (for one-person model)
Package Type	: Cardboard Box
Accessories (Optional)	: Gas Outlets, Grounding Node, Data Outlet, Nurse Call System.
Antibacterial Paint Option	: Available*
Color Options	: Blue, Yellow, Red, Lilac**



* Antibacterial paint option may differ from normal paints.

** Different color options may be charged additionally.

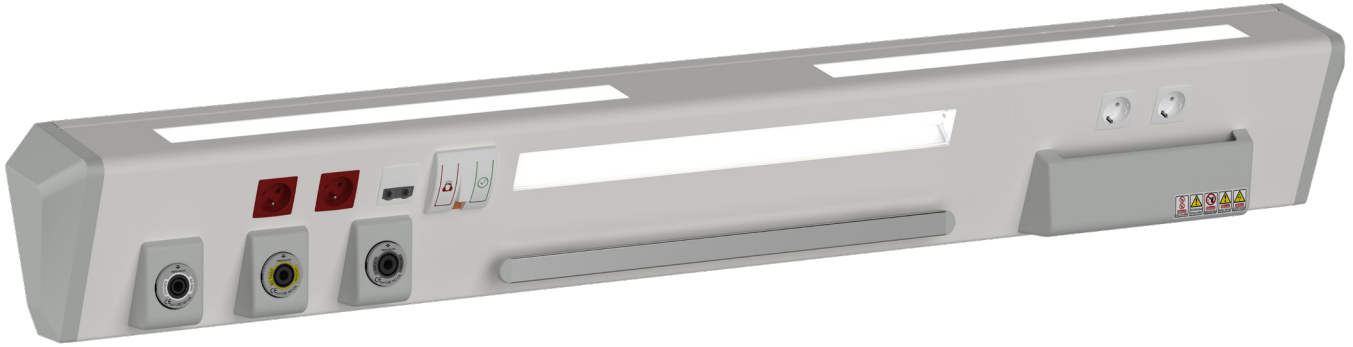
- Insulated Electrical System
- Safe and Precise Production
- Halogen-Free Cables
- Illumination / Lighting
- Elegant and Minimal Design
- Non-sharp and Easy-to-Clean Surfaces
- Vertical Use Option
- Easy Installation, Service and Maintenance



Equipment rail (optional)

Provides secure fixing of the necessary accessories used on the unit.
Rail Dimensions: 25X10mm

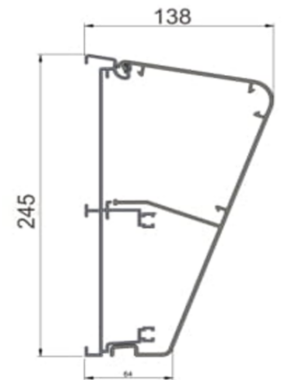
MAKASLI Patient Bedhead Unit



Installation Space Specifications: Sufficient flat wall width required.

Standard Unit Technical Specifications (One-Person):

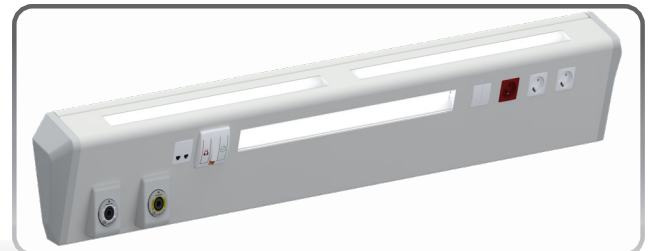
Product Code	: MG-HBMx x:1,2,3
Recommended Gas Equipment	: 1 x Oxygen Gas Outlet 1 x Vacuum Gas Outlet
Recommended Electrical Equipment	: 2 x Power Outlets 1 x Commutator Switch 1 x 7,75 W (Led Fluorescent) 1 x 15,50 W (Led Fluorescent)
Body Grounding	: Available
Spot Light Fitting Option	: Available
Nurse Call Add Option	: Available
Number of Channels	: 2 Pieces
Operating Temperature	: (+10) - (+45) C°
Supply Voltage	: 220-240 V 50-60 Hz
Length	: 120-180 cm
Package Type	: Cardboard Box
Accessories (Optional)	: Gas Outlets, Grounding Node, Data Outlet, Nurse Call System.
Antibacterial Paint Option	: Available*
Color Options	: Blue, Yellow, Red, Lilac**



* Antibacterial paint option may differ from normal paints.

** Different color options may be charged additionally.

- Insulated Electrical System
- Safe and Precise Production
- Halogen-Free Cables
- Illumination / Lighting
- Elegant and Minimal Design
- Non-sharp and Easy-to-Clean Surfaces
- Vertical Use Option
- Easy Installation, Service and Maintenance



Without Option

As standard, a Cable Management System and Equipment Rail can be added as option/s.

OPTIONAL FEATURES



Cable Management System

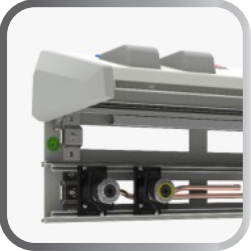
It prevents the cables of the plugs inserted into the electrical outlets from hanging and creating a bad view and preventing the personnel from creating an obstructive environment.

Equipment Rail

Provides secure fixing of the necessary accessories used on the unite.



STANDART FEATURES

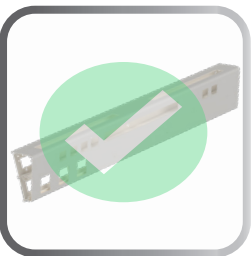


Hinged Cover System

The unit allows authorized personnel to intervene quickly and easily during maintenance and service thanks to the lockable hinge system. Since the covers can be intervened without the need for dismantling, the parts are not deformed and longer use is ensured.

Insulated Electrical System

Electrical outlets attached to the body with flame-proof plastic plugs, ensuring that no electrical leakage will pass through the body and that both patients and healthcare personnel will not be electrocuted.

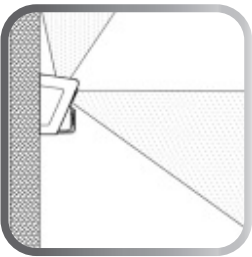


Safe and Precise Production

All gas and electrical components inlet points and installation connection provision holes were drilled before painting, internal wiring and tubing were completed before product delivery and all tests were carried out according to EN 60601-1.

Non-sharp and Easy-to-Clean Surfaces

Its ergonomic and functional design minimizes injuries from bumps and trips. The wall light is perfectly cleanable with minimized surface roughness, plastic patterns and a fine-grained powder-coated finish.



Illumination / Lighting

It provides ambient lighting at intensities and angles that will not disturb patients in areas and time periods where lighting is required. There is indirect lighting on the upper side of the unit that can be used as a night light and direct lighting on the lower side that can be used as a reading lamp.

Halogen-Free Cables

All internal wiring is equipped with halogen-free cables, as are the plastic insulating plugs of the electrical outlets.



Elegant and Minimal Design

It has an ergonomic and elegant design suitable for modern hospital architecture. Occupies the least possible volume with its compact structure.

Easy Installation, Service and Maintenance

Easy installation, service and maintenance thanks to its wide duct structure and unique design, reducing these times by 25%.



Vertical Usage Capability

These products are designed to meet the needs of both patients and healthcare professionals, offering flexibility by providing both horizontal and vertical usage options to better accommodate the working habits of healthcare professionals and patient care.

HARNESSING THE POWER OF THE SUN FOR A SUSTAINABLE FUTURE!



MEDİKAL GAZ SİSTEMLERİ TIBBİ ALET ve CİHAZLAR A.Ş.

SHOWROOM

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