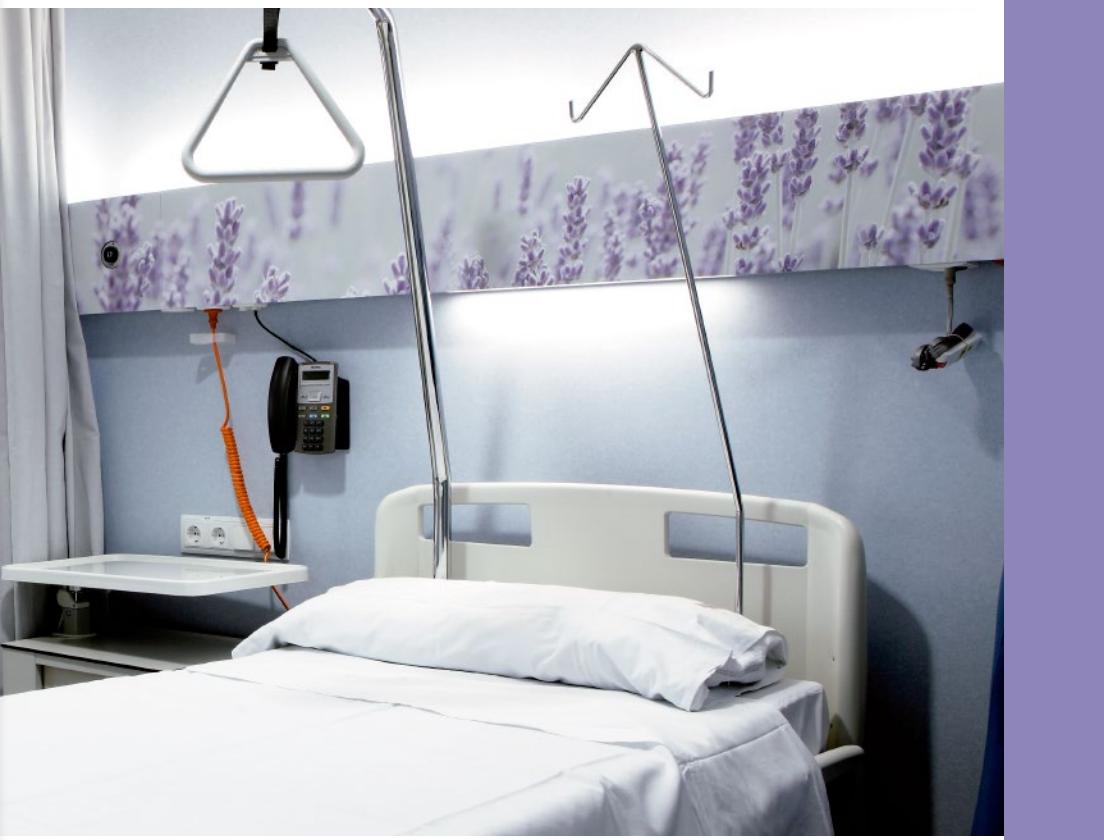


# Our design bed head unit

 **Decorative**  
Allows customizing the front wall to provide a more intimate style.



 **Versatile**  
Its supply is adapted to the requirements of the area.



## Ais in detail

### Design

- Efficient.
- With minimalist contours.
- Linear design which permits personalised measurements.
- Customizable length, components and design based on specific needs of the area.

### Front cover

- Clean appearance: electrical and telecommunication components are hidden.
- It permits easy access to the interior for easy maintenance.
- Personalisation of the bed head unit which includes vinyl lining with decorative children, floral designs or wood sheet.

Ai

### Tedisel Vinyls



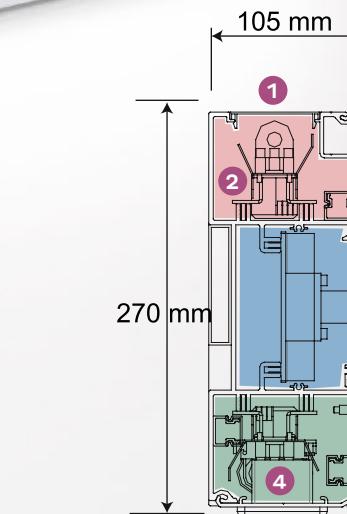
### Lighting

Continuous indirect light.

 **Lighting**  
Option of a direct light for each patient.

### Lighting

Continuous indirect light.



### Wall mounting

Assembly on resistant surfaces: The product can be directly installed with expansion plugs and lag screws.  
For weak surfaces, it is recommended to reinforce the surface with wooden structure.

### Electrical and telecommunication components

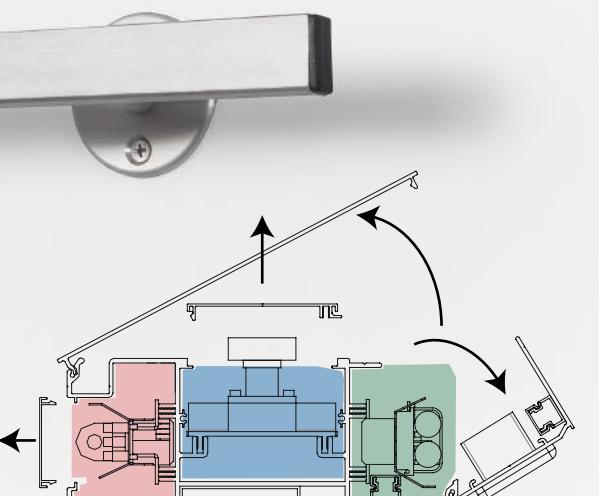
The surface-mounted mechanisms are fixed in the inferior face of the concealed profile behind the front cover.

Ais main profile is divided in three compartments:

- Indirect light.
- Medical gases.
- Electrical outlets, voice and data connectors and indirect light.

### Maintenance

Easy access to the equipment interior which is carried out by folding the front cover, which permits comfortable handling of the electrical and gas installations.



**Ais** is the wall-mounted bed head unit designed by Tedisel for hospitalization, resuscitation and general care areas.



**Ais** is the option with minimalist lines which integrates all the components required for the patient's care.

As an example of our flexibility and open minded philosophy, we have developed a bed head unit in cooperation with an architectural office to cover the needs for a specific project. Minimalistic design is not against functionality and ease of maintenance.

Designed by:



Project's concept & art management:  
 · Communication department: Servei de Salut Integrats / [www.ssibe.cat](http://www.ssibe.cat)  
 · Design: Estudi Lluís Pareras Disseny Gràfic / [lluperas@grn.cat](mailto:lluperas@grn.cat)  
 · Graphic production: Impacteretòls / [info@impacteretols.com](mailto:info@impacteretols.com)



**tedisel**medical

**tedisel**medical



**Ais**

Integrated bed head unit



Some references:

- Hospital de Imbanaco, Colombia
- Hospital Igualatorio Médico Quirúrgico, Bilbao · Spain
- Hospital Sant Joan de Déu, Barcelona · Spain

## technical data

### Horizontal profile

Max. Length of manufacture 3000mm\*  
 \* If you want to install consecutive sections for many beds, the union is done from inside the bed head, making two sections visible.

### Electrical System

Rated voltage	110/230 V~
Rated frequency	50-60Hz
Rated current	10A or 16A per circuit. 20A and 25A optional

### Lighting System (optional)

Ballast	Ballast: conventional or dimmable
Direct light	Led 1x10W, led 1x20W
Indirect light	Led 1x20W, led 2x20W
Night light	1,2W

### Gas system

Compressed gases	5 bar
Compressed air-nitrogen supply to air motors	10 bar
Gas type	O <sub>2</sub> -Air-N <sub>2</sub> O-CO <sub>2</sub> -VAC-AGSS-Air800-N <sub>2</sub> 800

### Materials

6060 / 6063 T5	
Structure	Aluminium (3 mm) with epoxy painting
Front cover	Aluminum (1,5 mm) with epoxy painting
End cover set	Aluminium
Plastic diffuser	Extruded polycarbonate
Vinyl length	1500 mm or 1700 mm

### Installation

For surfaces with good mechanical strength (concrete, brickwork, etc.) it is recommended to fix the product directly on the surface with expansion plugs and screws. On the weak surface, this kind of surface should first be reinforced with a wooden insert fixed to the metal structure of the plasterboard in order to increase the consistency when fitting the screw.

### Transportation and storage\*

Ambient temperature	-10°C to + 60°C
Relative humidity	20% - 80%

\* The following storage conditions apply for up to 15 weeks.

### Ambient conditions

Ambient temperature	+10 °C - +40°C
Relative humidity	Max. 75%

### Clasification

Directive 93/42/EEC	CLASS II B
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### EC Conformity

Tedisel complies with the provisions of Directive 93/42/EEC (medical devices), ISO 1197 (medical supply units) and IEC 60601-1 (Medical electrical equipment - Part 1: General requirements for basic safety and essential performance).

### Compatibility with other medical devices

Tedisel products may be equipped with medical devices from other manufacturers. Please follow the instructions provided by the manufacturers of this equipment for proper installation.

### CE 0197

TÜV Rheinland LGA Products GmbH