

Our flagship bed head unit



Versatile

Its design has the capacity to adapt to all the needs of the area.



Attractive

Design with subtle lines.



N270 in detail

N270 is the bed head unit with a linear design which permits custom measures.

N270



Surface finish

The unit can be epoxy painted in any RAL colour or anodised. Possibility to apply an HPL sheet on the frontal face or similar options on demand

Easy maintenance

The electrical and gas covers permit easy access to their interior.

ABS End cover sets

Lighting

The lighting modules make a 60° angle with the vertical plane to aim the lighting towards the patient's head (direct light) and towards the ceiling (indirect light).

Mechanisms

The electrical and communication sockets are fixed on the frame, which facilitate its installation.

Accessories

N270 structure integrates two provisions for DIN standard technical rails in the upper and lower section of the gas cover which are the support of the:

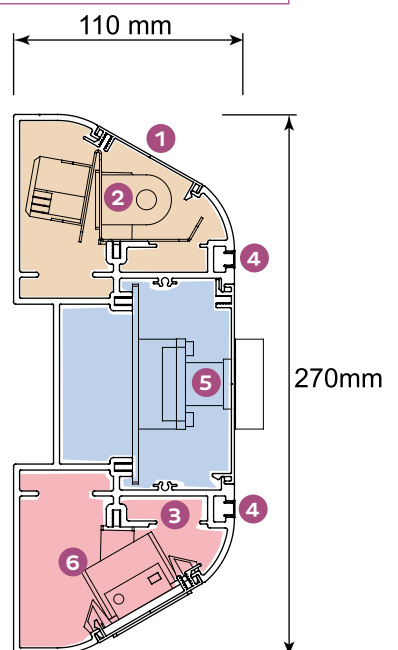
- Stainless steel trays.
- Monitor holder arms.
- Infusion stand.
- Examination Lamps.
- Element basket holder.

Internal structure

N270 is manufactured with a single profile, divided into three compartments:

- Indirect Lighting.
- Medicinal gases.
- Electrical, telecommunications mechanisms and direct lighting.

- 1 Polycarbonate diffuser
- 2 Ambient light.
- 3 Rail for weak current.
- 4 Housing for rail.
- 5 Gas channel.
- 6 Electrical mechanisms.



N270 is the wall-mounted bed head unit designed by Tedisel for hospitalization and general care areas.

tediselmedical



The best choice to equip the hospitalization zones where direct light, indirect light, electrical sockets, communication connectors (voice and data) and gas outlets are required.



N270

Wall mounted integrated system

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.

Technical rail

Max. Load	25 kg x meter
-----------	---------------

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 ₂ -Air-N ₂ -O-CO ₂ -VAC-AGSS-Air800-N ₂ 800

Materials

6060 / 6063 T5

Structure	Aluminum (3 mm thickness) with epoxy painting or anodized
Electrical/gas outlet plate	Aluminum with epoxy painting anodized, HPL or similar material
Technical rails	Stainless steel AISI 304 / Aluminium
End cover set	ABS injected. White
Plastic diffuser	Extruded polycarbonate

quality

Tedisel Management System and all our products are certified with quality seal **ISO 9001**, **ISO 13485** and **CE marking** granted by notified body **TÜV RHEINLAND**.

Tedisel, as medical device manufacturer, has the medical device manufacturer license number 6205-PS, granted by the Spanish Agency for Medicines and Health Products



0197

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 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
----------------------	------------

EC Conformity

Tedisel complies with the provisions of Directive 93/42/EEC (medical devices), ISO 11197 (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

Some references:

- Cherkasy Hospital, Ukraine
- Lviv Hospital, Ukraine
- Consorzio Cit. Ospitale, San Paolo · Italy
- Cliniques El Amen, Túnez
- Hospital General Vall d' Hebron, Barcelona · Spain
- Hospital Sant Joan de Déu, Barcelona · Spain
- Hospital San Sebastián de los Reyes, Madrid · Spain
- Hospital Quirón, Tenerife · Spain



tediselmedical

tediselmedical

Sant Lluç, 69-81
08918 Badalona,
BARCELONA, Spain
Tel. +34 93 399 20 58
Fax +34 93 398 45 47
info@tedisel.com
www.tedisel.com

