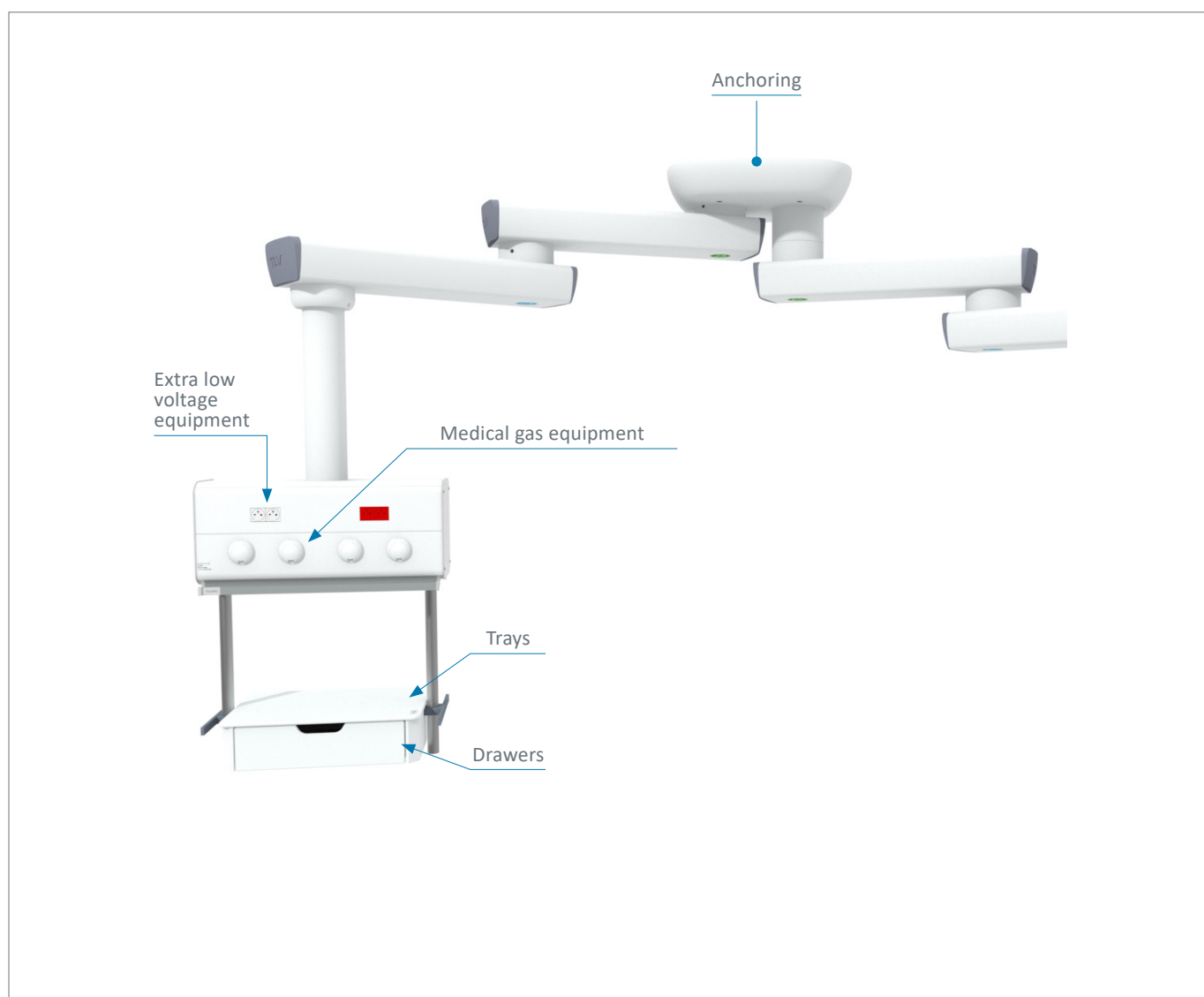




## FUNCTIONALITY

The ceiling-mounted pendant from the TECH-CARE Ergofix range satisfy most requirements of healthcare professionals. It provide convenience and safety when transporting biomedical devices and accessories.

Its custom technical and ergonomic configuration provides modularity and a radius of movement from 45° to 315°. The flexibility of the arms optimizes patient access, working conditions, and cleaning of treatment areas.



**New : The TECH-CARE pendant is available with electromagnetic braking system**

The TECH-CARE pendant allows horizontal travel of 500 to 2000 mm according to configuration. Its standard version is equipped with a mechanical friction rotation braking system, and an optional electromagnetic braking system is available.

The new boxes are designed to be ergonomic and user-friendly for all care teams. They distribute extra-low/low voltage and medical gases.

### Technical characteristics of boxes

#### Vertical 2 sides

- Aluminum profile
- High loading capacity: 150 kg
- Three heights for vertical box: 600, 1200 or 1500 mm
- Equipped with three accessory mounting rails, 25 x 10 mm (two on the front panel and one on the back)
- Can be equipped with optional LED lighting located in the lower section



#### Horizontal

- RAL 9016 white lacquered steel body
- Loading capacity 150 kg
- L x H x P (without rail): 760 mm x 324 mm x 267 mm
- Equipped with two vertical Ø 38 mm accessory support tubes, 800 or 1500 mm long



### Controls with illuminated button

They are located on the front panel of the tray, allowing easy and ergonomic use of the motorized arm braking.

With their color coding, they allow intuitive operation of the arm.



### Controls and handles



Control with tray



Offset handle for light loads



Heavy duty handle

### Trays & Drawers

The trays are designed to comply with the strictest standards concerning hygiene and durability. Their surface is compact with white core (HPL), and they have lateral accessory mounting rails (25 x 10 mm).

The tray units can accommodate one or two drawers. The ergonomic handles built into the trays make it easy to handle the arm. The drawers are removable for easy cleaning.



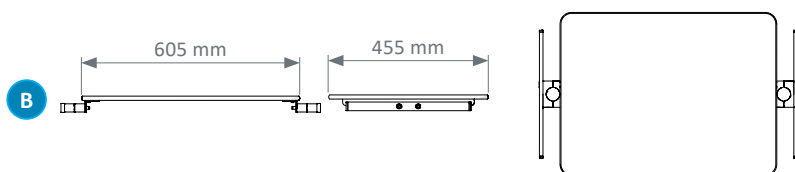
### Accessory support bracket for double-sided enclosure

This device clamps onto the vertical service head and makes it possible to hang main biomedical accessories.



### ● Trays and drawers for horizontal box

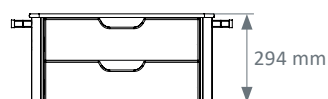
#### Trays



#### One drawer

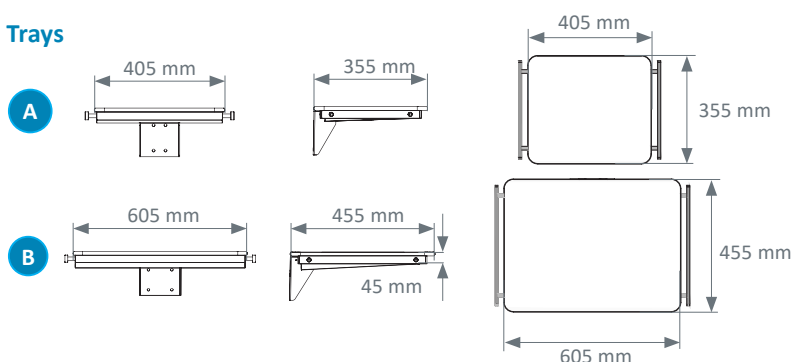


#### Two drawers

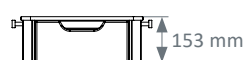


### ● Trays and drawers for double-sided vertical cabinet

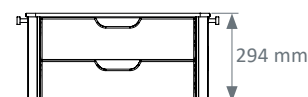
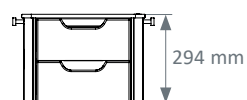
#### Trays



#### One drawer



#### Two drawers



#### Load table

	TRAY DIMENSION	LOAD MAX
<b>A</b>	405 x 355 mm	40 kg
<b>B</b>	605 x 455 mm	50 kg

#### Optional features

High flow DALI circulation light



## CONFIGURATIONS

Mono configuration : single arm



Mono configuration : double arms



Vertical column configuration



Duo configuration : single arms



Duo configuration : double arms and single arms



Duo configuration : double arms



Duo configuration : double arms and vertical column



## TECHNICAL CHARACTERISTICS

<b>Ceiling mounted</b>	Anchoring distance ceiling / false ceiling up to 1500 mm		
<b>Configuration</b>	Mono or Duo		
<b>Arm lengths</b>	500 mm, 750 mm and 1000 mm		
<b>Loading capacity</b>	<b>Single arm</b>	<b>Column</b>	<b>Distribution box*</b>
	500 mm	300 kg	150 kg
	750 mm	300 kg	150 kg
	1000 mm	300 kg	150 kg
	<b>Double arm</b>	<b>Column</b>	<b>Distribution box*</b>
	500 + 500 mm	300 kg	150 kg
	750 + 500 mm	300 kg	150 kg
	1000 + 500 mm	280 kg	150 kg
	750 + 750 mm	280 kg	150 kg
	1000 + 750 mm	250 kg	150 kg
	1000 + 1000 mm	250 kg	150 kg
<b>Rotations</b>	Arm : 45 to 315°, stop indexing every 25,5° Box : 30 to 330°		
<b>Rotation braking</b>	Arm : adjustable mechanical (standard) or electromagnetic (optional) Box : adjustable mechanical		
<b>Colors</b>	White RAL 9016		

\* The carrying capacity is the maximum acceptable load on the distribution box. This value should be reduced by the weight of the trays and accessories supported by the box. Therefore TLV mentions the acceptable weight by visible label on each box, rail and tray, avoiding the risk of overload.

### Norms & certifications

- EN ISO 13485 : Quality management systems
- CE Medical Devices Marking according to the (EU) Rules 2017/745
- EN ISO 11197: Medical supply units
- EN ISO 7396: Medical gas pipeline systems - Part 1 and 2

Bed head units, Wall lighting units, Ceiling pendants, Suspended Beams & Columns,  
Special care bed head units, Sealed lightings, Medical gas monitoring & Biomedical Accessories

