

Dräger Ambia® Medical Supply Units

Adapt acute care workstations ideally to your specific needs with our Ambia® ceiling-mounted supply unit. With its numerous accessories and wide range of variation options, the Ambia ensures you maximum flexibility at the workplace. This not only helps to improve hospital workflows, but also increases the well-being of staff and patients alike.



Benefits

The art and science of care-centred workplace design

Relieving the burden on staff and increasing patient well-being are important plus points in the development of the Dräger Ambia®. The ceiling supply unit offers more space for attaching medical equipment thanks to its innovative mounting concept. The mounting concept is designed so that changes to the workplace can easily be made on site, allowing the supply unit to be adapted quickly and easily to individual requirements. Its rounded design improves the cleaning process and thus ensures more safety against infections in the acute workplace. The numerous colour design and lighting options create a friendlier atmosphere in the patient room.

Workplace customisation

The design of a facility/structure with its fixed and moveable components can have a significant impact on human performance, especially on the health and safety of employees, patients, and families.¹

The well-being of patients and the efficiency of clinical processes in turn affect the healing process and staff satisfaction. That is why our holistic approach to designing medical workplaces with modern planning tools always takes the needs of patients and clinical staff into account.

Ambia supports you ideally in your therapies by being individually adaptable to the challenges of an acute workplace. A large selection of workstation components allows you to equip it according to your requirements – from heavy-duty systems for the OR to complex designs for intensive care units and small variants for the emergency room. This optimises workflows and thus leads to a reduction in workload and increased staff satisfaction. Ambia can be used both as a stand-alone unit and in combination with other ceiling supply units or OR lights.

- With its large portfolio of media heads and columns in different lengths and sizes, Ambia offers full flexibility and adaptability. Ambia meets a wide range of requirements and can be installed in the ICU, NICU and operating theatre.
- Optimal use of space is achieved by mounting medical equipment on all four frame rails.
- The free positioning of electrical and gas outlets without predefined grids make it possible to place more outlets on a media column or head. A safety distance of 200mm is necessary when placing gas and electrical outlets next to each other.
- A wide range of workplace components, with the option of flexible component positioning, makes Ambia adaptable to future requirements.

Benefits

Healing supportive environment

Stress experienced by patients is an important negative outcome, which directly and adversely affects many other healthcare outcomes.²

To improve patient outcomes, we want to help you create a healing supportive environment in your care unit with Ambia, in which your patients feel more comfortable, which in turn motivates your staff.

Ambia offers numerous design options for your workplace, such as:

- A variety of colours and decors, with a modern and appealing design.
- Wooden decors and harmoniously designed themes for drawers that fit into any room concept.
- Lighting options that meet your needs and can be switched on or off with a simple swipe gesture.
- Warm and glare-free indirect ceiling and floor light for staff orientation, without disturbing the patient.
- A calming therapy atmosphere thanks to the RGB light version.
- An integrated working light that allows staff to work at night without disturbing the patient.
- Frame rails at each corner to place medical equipment out of the patient's field of vision (e.g. by attaching the suction to the back of the supply unit).

1. Hughes RG, editor. Patient Safety and Quality: An Evidence-Based Handbook for Nurses. Rockville (MD): Agency for Healthcare Research and Quality (US); 2008 Apr. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK2651/> John Reiling, Ronda G. Hughes, Mike R. Murphy; Chapter 28. The Impact of Facility Design on Patient Safety

2. Ulrich R S, et. al; A Review of the Research Literature on Evidence-Based Healthcare Design. Article in HERD · April 2008
DOI: 10.1177/193758670800100306 · Source: PubMed

User-friendly ergonomics

Good ergonomics yields improved performance and productivity. Research evidence over the past 25 years consistently shows an average of 12 % improvement in performance when a comprehensive approach to ergonomics is applied to workplaces.³

Efficient and stringent workplace and device design can help ensure optimal patient care. A clearly structured and ergonomic workplace can minimise operating errors, improve clinical outcomes and facilitate the daily work of your staff.

- The Ambia offers the possibility of mounting equipment at any possible position on the column, so the workstation is ideally aligned to the needs of clinical staff right from the design stage.
- High flexibility and manoeuvrability allow the Ambia to adapt quickly to changing workplace situations.
- Easy and intuitive positioning of the supply unit thanks to sensor-equipped handles (touch-sensitivity concept), which enable a quick reaction in critical situations: just grasping a single handle is enough to release all brakes of the arm system and immediately reposition the supply unit.
- With a few simple steps, the handles can also be individually adapted to specific work processes or retrofitted on site.
- Uniform and consistent medical workplaces with a uniform operating philosophy, using Dräger-Dräger solutions with, e.g., anaesthesia or ventilation equipment.

Benefits

Effective infection prevention

Did you know that 20 to 30 % of nosocomial infections could be prevented with suitable hygiene measures?⁴

Breaking the chain of contamination is an important step in preventing nosocomial infections. Ambia supports easy and effective cleaning with rounded profiles, smooth materials and closed housings. Reprocessing instructions and a wide range of disposable accessories help to minimise the risk of infections.

- Rounded profiles, smooth materials and the closed housings prevent the accumulation of disinfectants and thus ensure easy and effective cleaning.
- Ambia is treatable with the same validated disinfectants as other Dräger devices due to its material resistance.
- Various cable management solutions ensure a well-organised, tidy workplace and thus facilitate the cleaning process.
- Touchless control of working light, ceiling and floor light.

3. Tim Springer, Ph.D. President HERO, Inc.; Knoll: Ergonomics for the Healthcare Environment

4. Gastmeier P et al., How many nosocomial infections are avoidable? Deutsche Medizinische Wochenschrift 2010; 135(03): 91 – 93

Details



D-26022-2020

A variety of colours, wooden decors and design themes for drawers fit into any room concept and can be harmoniously combined.



D-43521-2021

You have many examples of colours, wooden decors and design themes for drawers to choose from.



D-43519-2021

We offer a colour selection from 13 RAL colours when designing the Ambia frame rails. Upon request, other colours can also be realised (after a prior consultation).



D-26081-2020

Media head on arm system with lift function.



D-26044-2020

Media column on arm system without lifting function.



D-26069-2020_cat-out-fhumbreil-hores-online-flower

Media Column without arm system

Accessories



D-26078-2020

Shelves and storage

As options, drawer elements and documentation modules can be installed under the shelves. The damped self-closing mechanism eliminates disturbing noises. The optional drawer lighting is automatically activated when the drawer is opened. Create a pleasant and homely environment with highly scalable drawers, intuitive operation and individualised design with its variety of colours, wood decors and design themes.

Accessories



D-26031-2020

Cable Management System

A wide range of cable management systems for workstation components, either on the media columns or equipment poles, ensures a well-organised and tidy workplace, helping you to improve workflows and the cleaning process. Ambia's different cable management systems meet the needs of surgeons, anaesthetists, nursing and cleaning staff alike.



D-26021-2020

Mounting system

Optimise your use of space and clarity with the possibility of mounting medical equipment on all four sides of the media column. Rarely used equipment can be mounted on the side or the back of the media column, for example.



D-4986-2021

Single workstation components

We offer numerous additional individual components for organising the medical workstation, e.g., small equipment poles (25 mm), shelves, standard rails and holders. In this way, you not only structure your necessary medical equipment, but also create an easy-to-clean and clear workplace.

Related Products

D-26075-2020



Ponta® Beam Supply System

The bridge to more efficient care. A supply system that meets the workplace requirements more effectively (in ICUs, NICUs and recovery rooms), improves your patient access and makes your workplace more flexible.

MT-0799-2008



Gemina®DUO

Whether emergency room, recovery room or intensive care unit - the GeminaDUO is well equipped to supply even two intensive care beds: This is ensured by up to 56 terminal units and a 38 mm pole with a maximum load of 150 kg.

D-19677-2015



Linea®

Linea N, IM and I are each adapted to their intended use: whether normal care (N), intermediate care (IM) or intensive care (I). The diverse configuration options for power, IT and gas terminal units as well as the length and number of media ducts offer a great deal of variability.

Technical Data

Classification

Protection class according to the IEC 60601-1 standard	Protection class I
Standards complied with	IEC 60601-1:2005 + A1:2012 + A2:2020 IEC 60601-1-2:2014 + A1:2020 ISO 11197:2019
Classification according to (EU) 2017/745	Class II b
UMDNS code (Universal Medical Device Nomenclature System)	18-046

Load table

Maximum load according to information label

	Max. load	Media column			Media head		
		S	M	L	S	M	L
Arm systems without lifting function	80 kg (176 lb)	x	x	x	x	x	x
Arm systems without lifting function	180 kg (396 lb)	x	x	x	x	x	x
Arm systems without lifting function	220 kg (485 lb)		x	x			x
Arm systems without lifting function	270 kg (595 lb)		x	x			
Arm systems without lifting function	340 kg (749 lb)		x	x			
Arm systems with lifting function (EasyLift spring arm)	20 kg (44lb)						x
Arm systems with lifting function (EasyLift spring arm)	40 kg (88lb)				x	x	
Arm systems with lifting function (EasyLift spring arm)	50 kg (110 lb)	x	x		x	x	
Arm systems with lifting function (Lift Express lift arm)	130 kg (286 lb)	x	x	x	x	x	x

Technical Data

Arm systems with lifting function (Lift Standard lift arm)	150 kg (330 lb)					x		x
Arm systems with lifting function (Lift Standard lift arm)	180 kg (396 lb)		x	x				
Arm systems with lifting function (Lift Standard lift arm)	220 kg (485 lb)		x	x				
Arm systems with lifting function (Lift Strong lift arm)	300 kg (661 lb)						x	
Patient lift: Guldmann GH3+	350 kg (771 lb)	Load capacity: 368 kg (811 lb), with 1250 mm arm (49.21 in)						
Patient lift: Guldmann GH3	250 kg (551 lb)	Load capacity: 262 kg (577 lb), with 1250 mm arm (49.21 in)						
Without arm system	150 kg (330 lb)					x	x	x
Without arm system	180 kg (396 lb)		x					
Without arm system	300 kg (661 lb)						x	

Arm length, swivel range, and lifting range

Maximum length of the arm system	2500 mm (98.42 in)
Maximum swivel range	330 °
Maximum lifting range	600 mm ± 25 mm (23.62 in ± 0.98 in)

Lighting

	Ceiling and Floor light		LED light spots for working light	
	White	RGB	Short	Long
Electrical power illuminate	7 W	8 W	3 W	6 W
Colour temperatures	3,000 K	-	3,000 K	3,000 K
Luminous flux	Min. 600 lm	red: 220 lm green: 365 lm blue: 100 lm	300 lm	600 lm

Notes

Not all products, features, or services are for sale in all countries.
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