

MediaDocking

Enabling quick and safe changes in OR-configuration

In times of limited hospital budgets, you need new OR concepts to efficiently handle the growing number of patients. Flexibility in OR configuration is essential in improving efficiency.

Highly flexible Multi-Purpose ORs wholly support the need to quickly react to changes in OR schedules, while also aiding in the need to reduce overall cost by sharing OR capacities between different surgical disciplines. These characteristic benefits are even further improved by using the revolutionary new MediaDocking for suitable Dräger devices to connect media interfaces to a surgical or anesthesia workplace in one step:

- fast change in device configuration to increase OR throughput
- improved safety by providing non-interchangeable media interfaces
- clear workplace environment and improved hygiene by avoiding external cables and hoses
- mechanically compatible with existing Dräger devices





Fast change in device configuration

Flexible Multi-Purpose OR concepts are based on the use of mobile pre-configured workstations for both surgery and anesthesia. By equipping our Mova cart system or our Primus anesthesia workstation as well as our supply units with the new MediaDocking, the process to connect a workplace to its supplies is sped up dramatically. The mechanical connection of the mobile workstation to the supply unit is combined with the connection of its media interfaces in one step.

Improved safety

By providing a single media interface for required supplies ranging from electrical interfaces to medical gases we ensure that all necessary supplies are connected to the right devices. We thus ensure completeness and correctness of supplies.

Clear workplace design

The large number of hoses and cables in ORs has always been an obstacle in designing ergonomic and safe work environments. Avoiding external hoses results in a clear workplace environment and reduced complexity. It provides better access to patient and devices,

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avoids tripping hazards and facilitates disinfection for an improved overall hygiene.

Compatible with existing Dräger devices

The concept is based on the Dräger universal equipment holder which has



become a standard for ceiling based workplaces. This enables us to mechanically combine existing conventional carts and anesthesia devices as well as conventional ceiling supply units with new MediaDocking interfaces on both sides, devices and supply units. Media supply then takes place using outlets in the supply column.

Technical Data

Load capacity	Movita lift: 180 kg Forta lift: 270 kg		
Media Docking	Primus	MovaCart	Supply unit (Forta, Movita)
Gas Interfaces			
O ₂	1	–	1
N ₂ O	1	–	1
CO ₂	–	1	1
Air 5 bar	1	1	1
Vacuum	1	1	1
AGSS	1	–	1
Electrical Interfaces			
Power (circuit 1) 230 V, 50 Hz, max. 16 A	1	5	1
Power (circuit 2) 230 V, 50 Hz, max. 16 A	2	5	1
Equipotential	3	10	1
Network (RJ45)	2	2	2
Dräger Medibus (Sub D 9)	1	–	1
Switch contact	–	2	2
Video Mini DIN	–	3	3
Media Column	limited number of conventional sockets as back-up		

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The quality management system at Dräger Medical AG & Co. KGaA is certified according to EN ISO 13485, EN 46001, EN ISO 9001 and Annex II of Directive 93/42/EEC.