



At your side in the operating room

“Our OR generates  
half of our total annual earnings.  
Process efficiency counts.”



#### **The operating environment**

The operating room is the heart of the surgical patient process. Although it is an important source of hospital income, it is also a very cost- and labor-intensive area. The operating team works hand in hand through a variety of parallel processes. They rely on an increasing number of high-tech medical devices and instruments. At Dräger, we have been developing and refining our technology for more than a century with a special focus on the perioperative environment. You can look to us for custom solutions – from induction to surgery and on to recovery.

#### **Surgery is teamwork**

In many parts of the world, the logistics of surgery have changed over the last few years. Central OR management, multifunctional operating rooms and hybrid surgical suites have improved both the efficiency and efficacy of therapeutic intervention. These strategies require careful planning and close cooperation from everyone involved. Intelligent workplace design, including the right combination of ceiling supply units, lifting solutions, illumination systems and anaesthesia workstations can help you provide the best possible care for your patients and achieve a good return on your investment. It takes team effort to plan and operate an OR.



#### **It is all about time and space**

Modern OR workplace design can improve individual process steps, streamline workflows and even enhance hygiene. High-quality surgical illumination systems are a prerequisite for achieving optimal surgical results. Terminals for medical gases, power and data should be placed for maximum efficiency. Lifting systems get medical devices up and off the floor so they can be positioned quickly and ergonomically and support operating room hygiene. Custom mobile equipment carts allow rapid transport between surgical suites and offer the flexibility needed in multipurpose ORs.

#### **Streamlining the surgery process**

For almost a century, Dräger has been providing tools that have helped to advance both the science and the quality of anaesthesia. With integrated anaesthesia workstations, comprehensive clinical control capabilities and ICU-like ventilation, our technology can make the surgical process safer and more efficient. Whether you plan to upgrade your anaesthesia workstations, design a new surgical suite or upgrade an older one, consider Dräger as your experienced technology partner.

“We go beyond  
 medical technology to help you  
 optimise your OR.”

Stefan Dräger



Peter, 38, surgeon

"Great light, ergonomic working conditions. This new OR has made a huge difference."



James, 52, hospital manager

"We were able to change the entire configuration of this room in 15 minutes. We're treating more patients in less time than ever."

Julia, 42, anaesthesiologist

"This patient is in a critical condition. We need comprehensive monitoring and ICU-quality ventilation."

**Customised ergonomic workplace design**

- Workspace consulting for a large variety of requirements
- Ceiling supply units, media supply, surgical lights
- Lifting systems with smart cable management

**Advanced anaesthesia workstations**

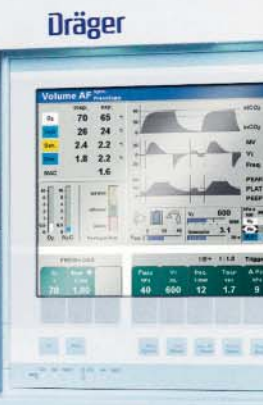
- For neonatal to adult patients
- For healthy to critically lung conditions
- For small spaces to high-end suites and even MRI applications

**Convenient information management at the patient side**

- Access to virtually any networked clinical data
- Web-based information management and documentation systems
- Integrated electronic documentation and charting







Primus



**Standardisation and hygiene for improved safety**

- Standardised user interfaces, operating principles, nomenclature and accessories
- Smart accessories help avoid mismatches and remind personnel of replacement intervals
- Disposable breathing systems eliminate cleaning procedures and avoid contamination

**Safer and less time-consuming patient transport**

- A single monitor can travel with the patient for continuous surveillance
- Seamless transition from bedside to transport monitoring
- Transfer of ventilation settings from one enabled Dräger device to another

**Customised life cycle management solutions**

- Scheduled preventive maintenance and remote services maximise performance uptime
- Conformity assessed accessories and consumables
- Regular software updates and device upgrades

“With this new level of efficiency,  
we’re **helping more patients**  
than ever before.”



## We can help you achieve measurable positive impact

### Continuous improvement in the OR

Our customers want to save space, enhance their workflow and improve device handling. Dräger has designed and developed new and innovative system components to address these challenges, changing the way operating rooms look and work. We are firmly committed to further help improve the OR process.

### From device to workflow solution

We constantly invest our best R&D resources into advancing medical technology, clinical software applications and system components. Recent innovations have proven our leadership in acute care technology and underscore our commitment to support clinical applications and workflows.

### More procedures per time

Automatic transfer of device settings, uninterrupted monitoring solutions and clinical software applications can help you reduce OR set-up times, facilitate OR transports and provide documentation and decision support for the anaesthesia process. Ultimately, our solutions can help you perform more procedures more effectively.

### Dedicated to high-quality standards

The successful combination of all these solutions and technologies, paired with dedicated education, service and investment protection programs, will have a positive effect on your processes and your results.

## Product and service portfolio

D-225-2010		<p><b>Workplace design with built-in flexibility for various surgical procedures</b>                  Height-adjustable supply systems, media supply, surgical MIS-carts, surgical lights, workplace design expertise</p>
D-9370-2009		<p><b>Medical devices and tailored technology solutions for the perioperative environment</b>                  Modular and integrated anaesthesia systems and workstations, vaporisers, suctioning systems</p>
D-22379-2010		<p><b>Clinical information management for a wide range of applications and acuity levels</b>                  Mobile and stationary patient monitors and surgical procedure monitors, central monitoring stations</p>
D-22375-2010		<p><b>Decision support and enhanced patient safety</b>                  Software applications with smart visualisation technology, bedside clinical and patient data management</p>
D-1013		<p><b>Life cycle management solutions for optimal OR utilisation</b>                  Customised service programs including preventive maintenance and remote service programs, conformity assessed reusable and disposable accessories and consumables, updates and upgrades, special training and education programs</p>

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