



Pure possibilities

DRÄGER  
PERSEUS® A500

# “How about more workspace?”



## **GREAT EXPECTATIONS**

Since the introduction of anesthesia machines, little has changed with regard to what they do. What has changed is how these machines accomplish these tasks and what doctors, nurses, and hospital decision-makers have come to expect from them. Benchmarking is a reality in modern medicine. Doctors and nurses want to accomplish their goals comfortably and efficiently, while administrators are demanding economical solutions that ensure a good return on the investments they make.

## **YOU ARE THE EXPERT**

At Dräger, we know a lot about anesthesia machines – we invented them. But then again, so do you. So when it came to designing the Dräger Perseus A500, we knew just where to start: let's face it, nobody knows more about how you work than you. You gave us your thoughts on things like design, ergonomics, functionality, operation, resource management, accessibility, and hygiene as well as how you thought these factors related to patient outcome. The more we listened, the more we realized that our best idea was to take a close look at your best ideas.



**DESIGN**

Today, an anesthesia machine has to do more than put people to sleep – it has to be a place to work. Everything you need to provide the best possible care should be reflected in the workstation’s design. Configuration should be flexible to ensure the best possible fit to your individual workflow requirements. No long reaches, no searching through menus, no fumbling for accessories, and no shortage of space for storage or documentation. Setup, self-checks, and routine maintenance should be fast and simple. The Perseus A500.

**RESOURCES**

The Perseus A500 anesthesia workstation provides you with state-of-the-art ventilation therapy and hemodynamic monitoring as well as an operating concept that lets you manage resources quickly and effectively. After all, time is the most precious resource of all. It should also include technology that facilitates the administration of low-flow and minimal-flow anesthesia to help reduce the consumption of costly volatile anesthetic agents.

**ACCESSIBILITY**

What you need, at your fingertips. That’s what accessibility means, whether its access to patient data, laboratory findings, diagnostics, or imaging – in short, the complete set of relevant clinical information. No more waiting for essential prerequisites to be brought to the operating room before you can begin with induction.

**HYGIENE**

Nosocomial infections are a significant source of morbidity and mortality. The Perseus A500 features optimized hygiene concepts including cable management and disinfecting which are good ways to prevent microbial contamination of your anesthesia machine – and your patients.

**OUTCOME**

Patient outcome can be understood as the end result of a chain of events – some favorable, some unfavorable. The Perseus A500 helps you influence those events positively by providing you with rapid access to the right information, which lets make the right choices in a timely fashion. With reliable, effective technology that supports your therapeutic process, the Perseus A500 is a strong link in the outcome chain.

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Color touch screens with our standardized user interface for reduced training measures and human errors

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Mobile patient monitoring that travels with patient for continuous surveillance

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Improved workplace illumination for better legibility and operation in dark environments

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Hooks and brackets for hose and cable guidance and seating, drawers, and shelves for optimal storage of important material

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Perseus A500 workstation incl. IACS patient monitoring, C700 for IT and other additional products and options





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Various mounting spots and rails for customized placement of monitoring, IT Hardware, IV pumps, and additional shelves

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Additional LCD system control field for display of gas and power status as well as airway pressure

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Large working surface for doing paperwork in comfort and for storing materials

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High-performance breathing system and ventilator optimized for minimal flow and ICU quality ventilation



The Perseus A500 was designed around you with ideas from people just like you. It's a highly integrated, state-of-the-art anesthesia platform that emphasizes ergonomics, ease-of-use, and functionality.

#### DESIGNED FOR YOU

Because it's highly customizable, you can choose from a wide range of options and accessories that will help you optimize your individual workflow. It can help to improve safety by mobile monitor docking for uninterrupted surveillance and RFID technology that can recognize erroneous hose connections, remind you of exchange intervals. Taken together, these and other new features of the Perseus A500 let you work safely, more comfortably, and more effectively than with any other anesthesia devices.

#### ENHANCED ERGONOMICS

The better you can work, the better it is for your patients. The Perseus A500 puts everything you need to be as effective as you can be within easy reach. High-visibility monitors, a generous, well-lit documentation table, and easy access to the controls and the suction unit mean that you can work comfortably and maintain your focus on the patient. A single, central brake keeps the Perseus where you want it but also lets you move it quickly whenever you need to.



#### EASY CLEANUP AND MAINTENANCE

The smooth surfaces and materials used make fast and easy cleanup, which – combined with a timer-based wakeup and self-check function – serve to reduce your workload and prep times while conserving energy. Integrated cable management keeps lines and cables out of the way and free of dust and other potential contaminants. The fully integrated breathing system can be accessed and serviced without the need for special tools.

#### MORE RESOURCES AT YOUR DISPOSAL

Because the Perseus A500 is made by Dräger, advanced ventilation and monitoring capabilities as well as our world-renowned operating system are standard equipment. But with additional standard rails and electrical outlets at your disposal, you can quickly add accessories and equipment without unnecessary clutter and without losing your overview. The Perseus A500 includes space for modular drawers and shelves so that you can store consumables and other materials out of the way but within easy reach. This lets you stay in contact with your patient and saves time and effort.

#### ACCESS TO THE THINGS YOU NEED

The Perseus A500 – combined with the Infinity Acute Care System monitoring solution, M540, and Medical Cockpit – integrates vital patient data to help streamline workflow, can help to reduce the risk of medical error, and free up time for proper patient care. This powerful combination provides the ability to gain access to comprehensive configurable trends of physiological response to therapies and data in customized reports, thus increasing diagnostic confidence. The Perseus A500 supports our new Smart Vaporizer technology, which allows you to predict oxygen and anesthetic agent concentrations for enhanced patient safety during low-flow anesthesia. In combination with our SmartPilot View\*, it provides an invaluable overview of both current and future situations.

#### AND MUCH MORE

If you want learn more about the benefits of the Perseus A500 and configure your best solution, please contact your sales representative or visit us at [www.draeger.com/perseus](http://www.draeger.com/perseus).



\* Available in Europe in May 2012.



#### CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA  
Moislinger Allee 53–55  
23558 Lübeck, Germany

[www.draeger.com](http://www.draeger.com)

#### REGION EUROPE CENTRAL AND EUROPE NORTH

Dräger Medical GmbH  
Moislinger Allee 53–55  
23558 Lübeck, Germany  
Tel +49 451 882 0  
Fax +49 451 882 2080  
[info@draeger.com](mailto:info@draeger.com)

#### REGION EUROPE SOUTH

Dräger Médical S.A.S.  
Parc de Haute Technologie d'Antony 2  
25, rue Georges Besse  
92182 Antony Cedex, France  
Tel +33 1 46 11 56 00  
Fax +33 1 40 96 97 20  
[dlmfr-contact@draeger.com](mailto:dlmfr-contact@draeger.com)

#### REGION MIDDLE EAST, AFRICA

Dräger Medical GmbH  
Branch Office  
P.O. Box 505108  
Dubai, United Arab Emirates  
Tel +971 4 4294 600  
Fax +971 4 4294 699  
[contactuae@draeger.com](mailto:contactuae@draeger.com)

#### REGION ASIA / PACIFIC

Draeger Medical South East Asia Pte Ltd  
25 International Business Park  
#04-27/29 German Centre  
Singapore 609916, Singapore  
Tel +65 6572 4388  
Fax +65 6572 4399  
[asia.pacific@draeger.com](mailto:asia.pacific@draeger.com)

#### REGION NORTH AMERICA

Draeger Medical, Inc.  
3135 Quarry Road  
Telford, PA 18969-1042, USA  
Tel +1 215 721 5400  
Toll-free +1 800 437 2437  
Fax +1 215 723 5935  
[info.usa@draeger.com](mailto:info.usa@draeger.com)

#### Manufacturer:

Dräger Medical GmbH  
23542 Lübeck, Germany  
The quality management system at  
Dräger Medical GmbH is certified  
according to ISO 13485, ISO 9001  
and Annex II.3 of Directive  
93/42/EEC (Medical devices).