



Pure possibilities

DRÄGER
PERSEUS® A500

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“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. 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 your thoughts on how 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.

OUTCOME

Patient outcome can be understood as the end result of a chain of events – the Perseus A500 combines advanced anaesthesia delivery and outstanding ventilation performance to meet the needs of contemporary clinical practice, consequently to contribute for a better patient outcome. Supporting functionality, e.g VaporView, provide guidance to help you efficiently manage different phases of anesthesia. In addition, incorporated ICU ventilation techniques, such as APRV or lung recruitment manoeuvres are beneficial for perioperative lung function and may improve outcome.

ACCESSIBILITY

In acute care instant data accessibility at any time and any place is a prerequisite to make informed clinical

decisions. Perseus A500 when combined with IACS patient monitoring and IT applications provides a comprehensive, consolidated and complete set of data. This seamless integration of ventilation data enables the access to relevant information and support recruitment maneuvers during a case – an important component of a lung protective ventilation strategy to reduce pulmonary complications. Together with patient data, diagnostic images or lab results you can view the data you need at the point of care.

HYGIENE

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

RESOURCES

The Perseus A500 anesthesia workstation offers you numerous functionalities which can support you in managing resources quickly and effectively to optimise your workflow. A fully automatic start and streamlined self-test, supported by graphics, export and import of system setup and a consistent user interface are some of the functions that reduce manual efforts and save time.

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

Optional: Mobile patient monitoring that travels with patient for continuous surveillance

Improved workplace illumination for better legibility and operation in dark environments

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





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

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

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

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

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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 with mobile monitor docking for uninterrupted surveillance and RFID technology that can recognize erroneous hose connections, and remind you of exchange intervals. Taken together, these and other new features of the Perseus A500 contribute to safety, comfort, and efficiency.

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. 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 to 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 (consisting of the M540 and Medical Cockpit) – integrates vital patient data to help streamline workflow, helps to reduce the risk of medical error, and frees up time for proper patient care. This powerful combination provides the ability to gain access to comprehensive configurable trends of physiological responses 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 to 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.

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CORPORATE HEADQUARTERS

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

www.draeger.com

Manufacturer:

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

Locate your Regional Sales
Representative at:
www.draeger.com/contact



REGION DACH

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA

Drägerwerk AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Draeger Singapore Pte. Ltd.
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

REGION CENTRAL

AND SOUTH AMERICA

Dräger Panama Comercial
S. de R.L.
Complejo Business Park,
V tower, 10th floor
Panama City
Tel +507 377 9100
Fax +507 377 9130
contactcsa@draeger.com

CANADA

Draeger Medical Canada Inc.
2425 Skymark Avenue, Unit 1
Mississauga, Ontario, L4W 4Y6
Tel +1 905 212 6600
Toll-free +1 866 343 2273
Fax +1 905 212 6601
Canada.support@draeger.com