Dräger

Pure possibilities

DRÄGER
PERSEUS® A500
WORKSTATION

Dräger. Technology for Life®

"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.

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

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

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

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 con-centrations 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.**

* Available in Europe in May 2012.

Infinity® Acute Care System monitoring solution

In acute care environments, patient care has become increasingly complex. There is a growing need among clinicians for systems that are both easy to use and are aligned with hospital workflow. Dräger created the Infinity Acute Care System monitoring solution to meet the needs of all care areas – both at the bedside and while on transport.

MONITORING THAT SUPPORTS THE WAY YOU WORK

The Infinity Acute Care System monitoring solution is a breakthrough in mobility, patient surveillance, and data access. This fully networked solution allows a single monitor to follow the patient during the entire care pathway to minimize undetected events. Real-time surveillance is continuous – both at the bedside and on transport within the hospital and in a land ambulance. At the same time, this innovative solution brings data to the point of need and opens the flow of patient information throughout the hospital and beyond to support time-critical decision making.

SUPPORT FOR ALL PATIENT TYPES AND ACUITY LEVELS

The Infinity Acute Care System monitoring solution teams the handheld Infinity M540 patient monitor with a powerful Dräger Medical Cockpit® at the point of care.

The Infinity M540 monitor: Optimized for patient transport, this compact monitor fits in the palm of your hand. It works as the vital signs engine that acquires patient data at the bedside and on transport, without having to disconnect the patient.

Dräger Medical Cockpit®: This bedside workstation provides a clear, widescreen view of your patient's real-time vital signs together with a comprehensive patient data – such as images, historical data and other networked clinical information.

The Infinity Acute Care System monitoring solution is designed to streamline workflow in all care areas – including the Intensive Care Unit, Operating Room, Emergency Department and Neonatal Intensive Care Units. Thanks to a variety of MPod® and MCable® plug-in accessories, the system can instantly scale to support the patient's changing acuity level.

INFINITY M540 PATIENT MONITOR

Handheld
Lightweight, durable and reliable
(1.2 kg / 2.6 lbs, including battery)

Water-resistant
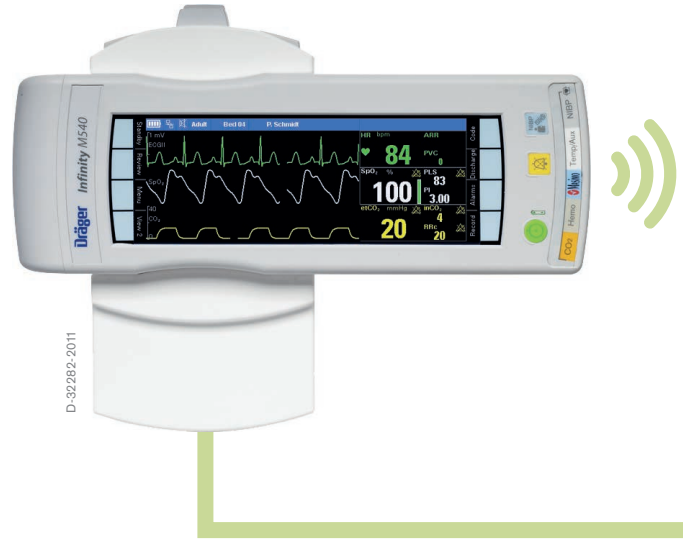Splash-resistant and submersible for protection against fluids*

*Tested by submersing unit in 30 cm (11.8") of water for 10 minutes

Wireless transport
Undocks at the bedside with the press of a button for transport,
then automatically sends data wirelessly to the Infinity Network

Portable
Accompanies the patient throughout the hospital and
in a land ambulance

INFINITY M500 DOCKING STATION

System connectivity
Provides system networking and communication between the
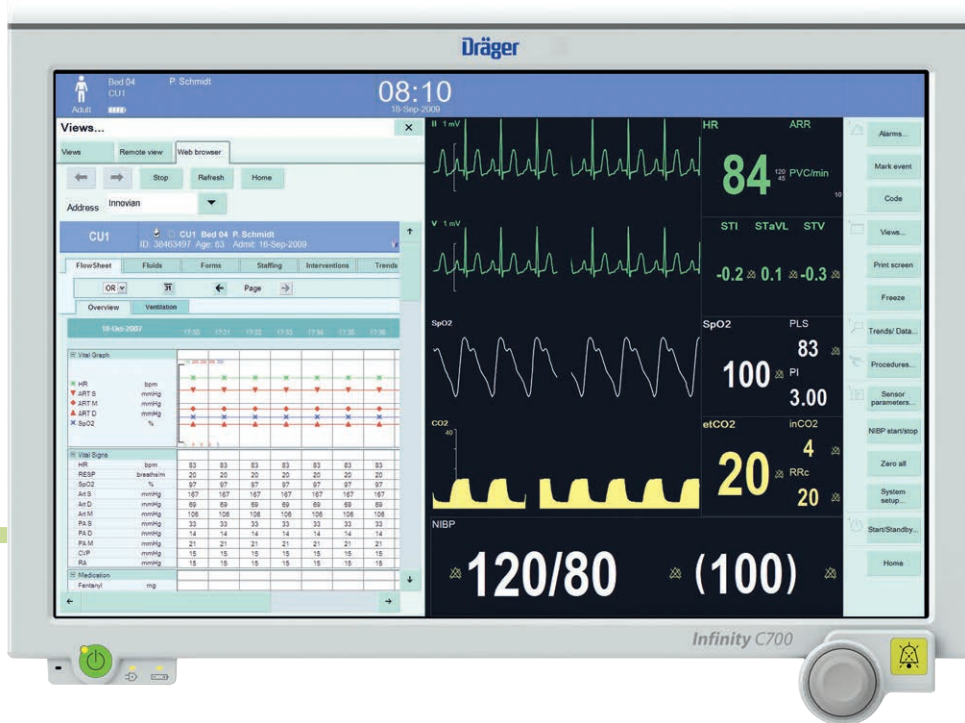M540 and Medical Cockpit via the P2500 Power Supply

Rechargeable
Powers the M540 when docked, recharging the internal battery
for transport

180° auto-flip screen
Enables you to dock the M540 on either side of the patient at the bedside
or on transport, while continuing to provide proper visual orientation

180°

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INFINITY MEDICAL COCKPIT

360° alarm light
Enables caregivers to see alarms
from anywhere in the room

Integrated information
Provides easy access to vital signs
data, clinical applications, the
hospital network, and the intranet
at the point of care

Widescreen display
Large 20" (C700) or 17" (C500)
touch-screen display makes information
easy to see from any angle

Infection-resistant
Fanless, easy-to-clean design
reduces risk of cross-contamination

DATA AT THE POINT OF NEED

View patient history, lab results, or diagnostic images at the
point of care. The system automatically notifies you when
lab data is ready. And when patient demographic information
is available from the hospital network, it automatically
populates on the display at the push of a button*. The
Medical Cockpit stores trend data and sends real-time
waveform data to the Infinity CentralStation for viewing
and storage in full disclosure format.

*Requires Infinity Gateway

SUPPORT FOR CHANGING PATIENT ACUITY LEVELS

Your patient's condition can change in a heartbeat. The
Infinity M540 and Medical Cockpit let you adapt monitoring
to your patient's changing acuity. For example, you can add
MPod® and MCable® accessories to support additional
parameters as needed. Expand system capabilities with
integrated IT applications via a Web interface or Citrix. And
view Web-based images at the point of care side-by-side
with real-time hemodynamic information.