Transform your clinical workflow with Infinity® Acute Care System. Its multiparameter monitor integrates with its networked medical-grade workstation, giving you real-time vital signs, access to clinical hospital systems and data management applications for a comprehensive range of patient information and powerful analysis tools at the point-of-care.
Benefits

**Continuous surveillance without interruption**

Connect the Infinity M540 monitor to the monitoring network through the wired docking station at the patient bedside. Remove it from the docking station to transport, and the M540 transmits data wirelessly to the monitoring network, where it can be accessed with an Infinity CentralStation (optional).

When the monitor is docked in a new location, it retrieves recorded data from the previous Medical Cockpit, including up to 96 hours of continuous trends, and backfills the present cockpit with data collected during transport.

**One monitoring platform for the entire hospital**

A single scalable Infinity M540 monitor follows a patient over the entire care pathway, from admittance to discharge. Activate parameters, as needed, by connecting MPod and MCable measurement modules. Discontinue parameters, by disconnecting modules as the patient's condition improves and those measurements are no longer required.

**System interoperability**

Observe lung recruitment and review trends in respiration and physiological responses to therapies by integrating a Dräger ventilator with the Infinity Acute Care System. Display respiratory information alongside hemodynamic data on the Medical Cockpit.

In the OR, Infinity Acute Care System complements the anesthesia workstation, adding real-time vital sign monitoring and access to the patient EMR, in addition to networked and web-based applications.

**Decision-making support**

Compile comprehensive clinical information at the point-of-care and use the system's analysis tool to assess the impact of therapies and medications. The IT capabilities of the Medical Cockpit enable you to retrieve data from Dräger information systems.

Use Internet Explorer® 11 Web browser with its HTML5 functionality and the system's IT tabs to configure inputs for analysis. Split-screen capability allows you to display real-time monitoring data alongside information collected from hospital systems and intranet applications. Run web-based applications utilizing the Medical Cockpit's Citrix® capabilities.

**Pre-configured and customizable Medical Cockpit screens**

Choose up to eight pre-configured views and customize as many as eight additional views on the Medical Cockpit to harmonize your workflow. Adapt alarm limits and parameter settings to the clinical needs of the care unit's patient population. Keep real-time measurements visible, while using half the screen for reviewing trends and event data from the network or integrated devices with the Cockpit's split-screen function.
Benefits

**Storage of trends, events and alarms**

Access up to 96 hours of trends through the Medical Cockpit, and up to 72 hours on the Infinity M540. Trends and events gathered during transport are automatically available in tabular and graphical formats at the cockpit upon arrival.

See significant incidents in the patient’s care history. The system stores up to 150 events, including alarms for all monitored parameters, and displays them in 20-second strips.

System Components

**Infinity® M540**

Streamline workflows with a monitor that goes from bedside to transport in the push of a button. Leave cables and modules attached to your patient and continue monitoring parameters and alarms in real time, while recording data during travel. Use the Infinity M540 as a standalone monitor, or integrate it with hospital IT to access clinical information systems and data analysis applications.

**Infinity M500 Docking Station**

Compact docking station charges the M540’s built-in battery and makes data collected by the M540 accessible to the Infinity Medical Cockpit, when part of the Infinity Acute Care System monitoring.
System Components

**Infinity C700/C500 Medical Cockpit**

Bringing relevant clinical data to the point of care, the Infinity C700/C500 Medical Cockpit is the central display component of the Infinity Acute Care System.

**Infinity Gateway Suite Server Software**

Infinity Gateway is an open standards based suite of software that enables seamless integration between the Infinity Network and the existing IT infrastructure. The suite is comprised of applications, interfaces and data access tools that facilitate the exchange of patient information between your Infinity Network and other hospital systems.

**Infinity P2500**

The Infinity P2500 is the dedicated power source and networking hub for the Infinity M540 patient monitor and Infinity Medical Cockpit of the Infinity Acute Care System. The P2500 can also connect networked devices to the hospital’s alarm output (staff alert) system.
Accessories

MonoLead® ECG Lead-Wire Set

Frustrating tangles. Lost time. Patient discomfort. Managing the “spaghetti” that results from traditional ECG lead wires is a tedious, time-consuming distraction that takes focus away from your patient. As you attach the cables, you need to untangle and route the wires. Until now. With MonoLeads you spend more time with your patients and less time with wires.

Infinity® MPod®-Quad Hemo

There is a simple, uncluttered way to manage invasive pressures at the bedside. The Infinity® MPod®-Quad Hemo integrates up to four invasive pressures, cardiac output (C.O.), pulmonary wedge pressure (PWP) and temperature into a single, smart hemodynamic device.

Infinity® MCable®-Dual Hemo

Infinity® MCable®-Dual Hemo provides a consolidated place for management of up to two invasive blood pressures.

Infinity® MCable®-Masimo SET®

Infinity® MCable®-Masimo SET® provides accurate and reliable pulseoximetry in virtually all clinical conditions. It performs even in low perfusion and reads through motion as well as helps to reduce false alarms. The Masimo SET supports adult, pediatric and neonatal patients.
Accessories

**Infinity® MCable®-Masimo rainbow SET®**

Bring the advantages of Masimo’s rainbow® Signal Extraction Technology (SET®) to the Infinity M540 monitor – both at the bedside and on transport in the hospital.

**Infinity MCable • Nellcor™ OxiMax**

Enables Nellcor™ OxiMax SpO₂ algorithm. The Nellcor™ OxiMax MCable connects the Dräger Infinity M540 multi-parameter patient monitor to Nellcor™ SpO₂ sensors with OxiMax technology and provides continuous, noninvasive monitoring of functional oxygen saturation of arterial hemoglobin (SpO₂) and pulse.

**Infinity® MCable®-Mainstream CO₂**

Infinity® MCable®-Mainstream CO₂ provides measurements of CO₂ in mainstream.

**Infinity® MCable®-Microstream® CO₂**

With Infinity® MCable®-Microstream® CO₂, measuring the presence of carbon dioxide helps you detect changes in your patient’s ventilatory status to pre-empt possible respiratory depression. You’ll see continuous waveforms and readings for end-tidal CO₂ concentration, inspiratory CO₂ concentration and respiratory rate on the patient’s Infinity M540 monitor.
Accessories

**Infinity® MCable®-Analog/Sync**
Exports Analog Output data (ECG or ART) or QRS Synchronization data (ECG) parameter signals to an external device.

**Infinity® MCable®-Nurse Call**
Allows connection of either the M540 or the IACS to a hospital alarm output system. Active life-threatening or serious alarms at the bedside are then sent out to the hospital’s alarm output system.

Related Products

**Infinity® CentralStation Wide**
To deliver quality care, you need to have constant surveillance over your patient’s vital information and be alerted to any change in their condition. The Infinity® CentralStation Wide enables you to be constantly connected with your patient’s status – enabling rapid assessment, decision support and clinical reporting.
Related Products

Infinity® M300

Using the hospital’s existing Wi-Fi® network the innovative Infinity® M300 patient-worn monitor provides the performance of a full-size patient monitor, packaged in a patient-worn telemetry device for adult and pediatric patients. Built-in ACE® (Arrhythmia Classification Expert) and pacer detection algorithms enhance ECG processing and help to reduce false alarms.

Infinity® OneNet

Lets you run patient monitoring data on your existing hospital network.

Infinity® Gateway Suite Server Software

Infinity Gateway is an open standards based suite of software that enables seamless integration between the Infinity Network and the existing IT infrastructure. The suite is comprised of applications, interfaces and data access tools that facilitate the exchange of patient information between your Infinity Network and other hospital systems.

Infinity® Symphony Suite

Now you can be away from your patients – without being out of touch with their vital information. With Infinity Symphony Suite, you can remotely access information stored on the Infinity CentralStation, such as Full Disclosure, Event Disclosure and patient trend data.
Related Products

**Innovian® Solution Suite**

Innovian Solution Suite is a web-based solution that supports clinical workflow across the perioperative and critical care environments. Tightly integrated with Dräger monitoring, ventilation and anesthesia solutions, Innovian simplifies patient documentation, supports clinical decision making, and provides data access anywhere over the hospital network.

**TOFscan®**

TOFscan® is a nerve stimulator module for the measurement of neuromuscular transmission, via accelerometry. It provides an easy, accurate way for measurement of patient muscle relaxation. TOFscan® supports the evidence-based judgment about the state of patient’s neuromuscular blockade.

**Dräger Perseus® A500**

Combine proven ventilation technology with the latest refinements in ergonomics and systems integration with an advanced anaesthesia platform designed together with experts from around the world to streamline your anaesthesia workflow.

**Dräger Primus®**

Step up to the high standard of anaesthesia workstations and experience new levels of performance, efficiency and safety.
Related Products

**Dräger Fabius® Plus**

Combine quality ventilation, easy operation and maintenance with open architecture expandability. The Dräger Fabius® Plus combines quality ventilation with enhanced flexibility and integration capabilities. It was designed to accommodate a wide range of options and accessories, allowing you to customize your Dräger Fabius® Plus to suit your particular needs.

**Dräger Apollo®**

Today’s increasingly integrated healthcare environment places more demands on the anesthesia provider. In addition, the interaction between the anesthesia workplace and the rest of the hospital is increasingly complex. The Apollo® anesthesia machine can simplify this complexity. With a heightened emphasis on cost reduction in healthcare, our anesthesia solutions help you reduce operating costs and maximize reimbursement.

**Dräger Zeus® IE**

Combine the complete spectrum of ventilation therapy with unparalleled monitoring, automation, workflow and information management technology with Dräger’s most advanced anaesthesia workstation.

**Dräger Evita® Infinity® V500 ventilator**

Combine fully-featured, high-performance ventilation with Infinity® Acute Care System™ integration to meet the challenges of today’s health care environment.
Related Products

**Dräger Babylog® VN500**
For generations to come. The Babylog® VN500 combines our years of experience with the latest technology. The result is a complete, integrated ventilation solution for the tiniest of patients. Move on toward new frontiers today and be prepared for the developments of tomorrow.

**Dräger Oxylog® 3000 plus**
Offering high ventilation performance with features such as AutoFlow® integrated capnography and non-invasive Ventilation, the compact and robust Oxylog® 3000 plus helps you transport your patients safely and provides feedback on correctness of intubation and ventilation effectiveness. The Oxylog® 3000 plus gives you confidence to master even the most demanding situations.

**Dräger Savina® 300**
The Dräger Savina® 300 combines the independence and power of a turbine-driven ventilation system with state-of-the-art ventilation modes. The large color touch screen and intuitive operating system that concentrates on essential features make configuration and operation very simple.

**Dräger Carina®**
Designed for non-invasive ventilation: With its unique SyncPlus® technology and an extended NIV function, the user-friendly Dräger Carina® offers reliable and easy ventilation – and thanks to its compact design, this also applies when transporting patients.
Technical Data

Secondary Display
A Medical Cockpit can support video output (only) to a secondary display. The maximum screen resolution of the secondary display should match that of the C500 or C700 Medical Cockpit to which it is connected. The output is as follows, depending whether a C500 or C700 is used:

<table>
<thead>
<tr>
<th>Resolution</th>
<th>From C500: 17 in (43 cm) display: 1,440 x 900 pixel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>From C700: 20.1 in (50 cm) display: 1,680 x 1,050 pixel</td>
</tr>
</tbody>
</table>

Cockpit to secondary display

<table>
<thead>
<tr>
<th>Maximum display delay</th>
<th>250 ms in reference to the patient signal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection to Cockpit</td>
<td>DVI connector</td>
</tr>
<tr>
<td>Aspect ratio</td>
<td>16:10</td>
</tr>
</tbody>
</table>

IT APPLICATIONS

Using the optional IT locked options of Web-enabled tabs and Web-enabled layouts, Dräger allows you to integrate IT applications at the point of care. This can allow you access to Web applications, patient data management systems, Web-based imaging, your hospital intranet, or Dräger IT applications as described below. Check with your Dräger representative for more details on integrating such applications or on the latest available revision support.

Innovian® Solution Suite
Innovian is a Dräger patient data management system that can be configured to display either a single patient or multiple patients. In single-patient mode, when you access the Innovian tab the local patient is displayed; if the local patient has not yet been admitted to the Innovian Solution Suite application, the admit screen is presented.

Infinity® Symphony Suite
This application provides retrospective analysis of patient information stored on the Infinity® CentralStation by making it available virtually anywhere on your hospital network.

Infinity® Gateway PatientWatch
This application allows you to review real-time and retrospective data from up to four bedside monitors on a Medical Cockpit.

Citrix®
Infinity Acute Care System monitoring can support IT applications using a Citrix server.
Application ICA client version 14.1.0 (receiver 4.1)
Supports IT applications using a Citrix XenApp server (version 5, 6 and 6.5).

Microsoft® Internet Explorer® Web Browser
You can set up the Internet Explorer® 11 Web browser as an IT tab that contains several pre-configured Web pages or as a split-screen feature. There is also a Web application tab for a unique pre-configured page.

Export Protocol
Allows you to share data with other Dräger and third-party devices (for example, clinical information and anesthesia record systems and data loggers). For more details, speak with your local Dräger representative.

Staff Alert (Alarm Output or Nurse Call)
A staff alert system can be configured with Infinity® Acute Care System monitoring. See the Infinity® MCable-Nurse Call technical data for detailed product specifications.

Device Connectivity
Anesthesia devices:
Dräger Perseus®, A500, 1.11
Dräger Primus®, 4.5
Dräger Primus IE, 4.5
Dräger Fabius®, 3.35
Dräger Apollo®, 4.5
Dräger Zeus® IE, 1.04
Technical Data

### Ventilation devices:
- Dräger Evita® V500, 2.31
- Dräger Evita V300, 2.31
- Dräger Babylog® VN500, 2.31
- Dräger Evita 2D, 1.00 and higher
- Dräger Evita 4, 1.00 and higher
- Dräger Evita XL, 5.00 and higher
- Dräger Oxylog® 3000+, 1.04
- Dräger Savina® 300, 4.02
- Dräger Carina®, 3.21
- Maquet Servo-i, V7

### CCO devices:
- Edwards Vigilance II SvO₂/CCO
- Edwards Vigileo SvO₂/CCO
- Edwards EV1000 SvO₂/CCO

### BIS device:
- Medtronic BIS VISTA

### NMT devices:
- iDMed TOFscan
- Merck TOF Watch SX

### Universal Printing PS (recommended for most users)
Infinity® Acute Care System can print to any printer compatible with the HP Universal Print Driver v6.0.0.18849.

### System operating power

| Infinity® Medical Cockpit (C500 or C700), M540, M500, P2500 running with Cockpit display power on | 150 watts on average |

### Infinity® M540 Monitor and M500 Docking Station
See the Infinity® M540 Monitor technical data for detailed M540 and M500 product specifications.

### Infinity® Medical Cockpit
See the Infinity® Medical Cockpit technical data for detailed C500 and C700 product specifications.

### Infinity® P2500 networking hub and power supply
The Infinity® P2500 provides networking and power to the Infinity Acute Care System for monitoring, connects it to the Infinity Network, and provides an optional connection to the hospital’s alarm output (staff alert) system.

### Physical Specifications

<table>
<thead>
<tr>
<th>Dimensions (H x W x D)</th>
<th>36 x 22 x 14.9 cm (14.2 x 8.75 x 5.9 in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>10 kg (22 lbs)</td>
</tr>
<tr>
<td>Cooling</td>
<td>Convection (requires the P2500 to be mounted)</td>
</tr>
<tr>
<td>Connections</td>
<td>Export Protocol (RS232)</td>
</tr>
<tr>
<td></td>
<td>Alarm output (Nurse Call)</td>
</tr>
<tr>
<td></td>
<td>Two interchangeable system cable connectors; one for the M540, one for the Medical Cockpit</td>
</tr>
<tr>
<td></td>
<td>Infinity Network (Ethernet)</td>
</tr>
<tr>
<td></td>
<td>Power cord</td>
</tr>
<tr>
<td></td>
<td>Potential equalization connector (grounding)</td>
</tr>
<tr>
<td>Front LEDs</td>
<td>Power mains – green when the device is connected to AC power</td>
</tr>
<tr>
<td></td>
<td>Battery indicator – yellow during startup or fault conditions (such as a faulty battery)</td>
</tr>
</tbody>
</table>

### Environmental Specifications
## Technical Data

### Humidity (non-condensing)
- **Operating**: 10 to 95%
- **Storage**: 10 to 95%

### Temperature
- **Operating**: 0 to 40°C (32 to 104°F)
- **Storage**: -20 to 60°C (-4 to 140°F)

### Atmospheric pressure
- **Operating**: 485 mmHg to 795 mmHg (647 hPa to 1,060 hPa)
- **Storage**: 375 mmHg to 795 mmHg (500 hPa to 1,060 hPa)

### Type of protection against electric shock
- **Class 1 (according to IEC 60601-1)**

### Electrical specifications
- **Input voltage**: 100 to 240 VAC 50/60 Hz, 4 A
- **Battery**: SLA
- **Operating time**: At least 5 min (@ 250 W)
- **Recharging time**: 12 hours (maximum)

### Protection against ingress of water
- IPX1 per IEC 60529 – protected against harmful effects of water

## Ordering Information

<table>
<thead>
<tr>
<th>IACS Monitoring with C500</th>
<th>MS25510</th>
</tr>
</thead>
<tbody>
<tr>
<td>IACS Monitoring with C700</td>
<td>MS25520</td>
</tr>
<tr>
<td>IACS Accessories</td>
<td>MS22113</td>
</tr>
<tr>
<td>System Accessories</td>
<td>MS23333</td>
</tr>
</tbody>
</table>

Language Support: English, German, French, Spanish, Italian, Dutch, Swedish, Portuguese (Brazilian), Danish, Norwegian, Japanese (Katakana), Russian, Turkish, Polish, Greek, Hungarian, Chinese (Simplified), Czech, Finnish

Note: language availability may vary. Please speak with your Dräger representative for more information.

### Locked Options
- **12 Channel option (note: applies to C500 only)**: MS20505
- **16 Channel option (note: applies to C600 and C700)**: MS20506
- **Full Arrhythmia option**: MS22225
- **12-lead ECG option**: MS20508
- **Multi-IBP (IBP > 2) option**: MS20504
- **IT Web-enabled layouts**: MS20511
- **IT Web-enabled tabs**: MS20512
- **View Editor (Custom View Editor)**: MS20515
- **Physiological Calculations option**: MS20516
- **Wireless (M540)**: MS16266

For more information, please speak with your Dräger representative.

Apollo, Babylolg, Carina, Evita, Infinity, Innovian, Medical Cockpit, MCable, MPod, Oxylog, PatientWatch, Perseus, Primus, Savina and Zeus are trademarks of Dräger.

Citrix is a registered trademark of Citrix Systems, Inc.

Microsoft and Internet Explorer are registered trademarks of Microsoft Corporation.

Other trademarked names and terms used herein are the intellectual property of their respective owners.

Products may not be approved for Market Release in all countries.

TOFscan is manufactured for Dräger by IDMED of Marseille, France.
Notes