



Integrating patient information
at the point of care

INFINITY® OMEGA-S
SOLUTION

At Dräger, we understand that having comprehensive patient information is essential for providing quality care.

That's why we have taken patient monitoring to the next level by bringing the information you need where you need it – right to the point of care.



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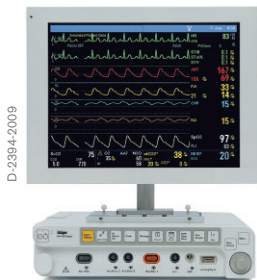
To understand your patient's condition, you need to see the full spectrum of available patient data. Seeing real-time vital signs is the first step. But to make evidence-based decisions, you also need to see lab results, images and historical patient data.

Now you can see the big picture of patient information – all on one 20" wide touchscreen display – with Infinity® Omega-S, one of Dräger's Infinity Omega solutions.

Designed for stationary monitoring at the point of care, Infinity Omega-S integrates an Infinity Kappa patient monitor with an Infinity C700 for IT workstation and Infinity Explorer software.

This synergy puts the information you need at your fingertips – which can support decision making, save time spent looking for information, and help reduce the potential for medical error.

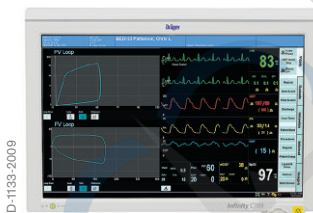
What is Infinity Omega-S?



Infinity Kappa monitor*

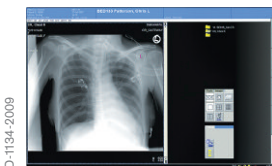
Designed for fixed monitoring at the bedside, Infinity Kappa is a CPU base unit that has a built-in power supply and Infinity Network connection. It offers comprehensive monitoring for all patient types, with a parameter set that includes multiple-lead ECG, respiration, comprehensive arrhythmia classification, dual temperature, cardiac output, noninvasive blood pressure, and multiple invasive pressures – plus it can scale from basic monitoring to using the full range of Infinity high-acuity parameter pods.

*Shown with medical-grade auxiliary display.



Infinity C700 for IT workstation

This medical-grade workstation combines an industry-standard CPU with a 20" wide touchscreen color display that makes information easy to see at all angles, even from a distance. When combined with the Vitals Tab capability of Infinity Explorer, the Infinity C700 more than doubles the number of parameters and waveforms that you can view on a traditional monitor screen alone. The new fan-free design lowers noise and dust levels, supporting hygienic environments. An optional rotary knob provides navigation in addition to the touchscreen.



Infinity Explorer software

Using an easy tab format, Infinity Explorer provides fingertip access to clinical applications. It can display all the parameters and waveforms that are available on the bedside monitor – including information from HL7 interfaces and data coming into the monitor from other point-of-care devices. Other capabilities include a DICOM Image Viewer and a Remote Bedside Viewer (requires Infinity Gateway). Infinity Explorer also can host up to four compatible Web-based applications and up to four Windows-based applications, and lets you access the Internet via Internet Explorer, according to hospital protocol.

Compelling clinical benefits



THE BIG PICTURE

The award-winning* Infinity C700 is a state-of-the-art medical-grade workstation that combines a CPU with a 20" wide touchscreen display. The durable glass surface provides optical brilliance and a wide viewing angle. The thin industrial design saves space at the bedside, while the quiet fan-less design supports hygienic environments.

COMPREHENSIVE PATIENT INFORMATION

Infinity Omega-S brings together patient data from diverse sources – such as vital signs, lab data, patient data management systems, and images in both DICOM and HTML formats, so you can see X-rays, scans and MRIs – and displays it on one screen. The widescreen can show vital signs even while tabs are being used to access different applications.

SCALABLE TO THE INDIVIDUAL PATIENT AND CAREGIVER

You can scale the system according to patient needs and caregiver preference – from displaying a few, big numbers to up to 32 waveforms and parameter boxes, and from basic monitoring to using the full range of all Infinity high-acuity parameter pods.

FULLY CUSTOMIZABLE SCREENS

To improve ergonomics, you can use up to three independent screens – thus allowing different caregivers to view the information they need at the same workplace. In the OR, Omega-S can support anesthesiologists, perfusionists, and surgeons if a surgical display controller is used.

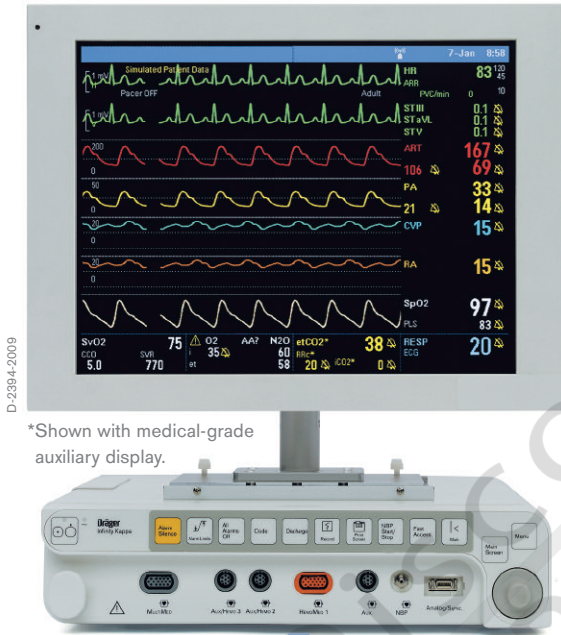


product
design
award

2009

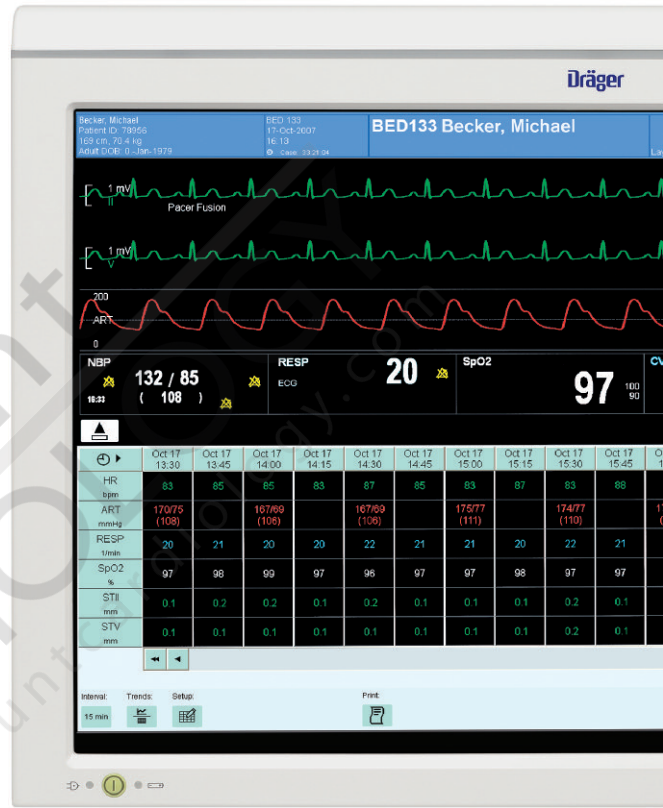
*The Dräger Infinity C700 received the 2009 Product Design Award from the iF International Forum Design.

How does Infinity Omega-S work?



D-2384-2009

*Shown with medical-grade auxiliary display.



MT-1141-2009

Infinity CentralStation



MT-4526-2006

Remote Access



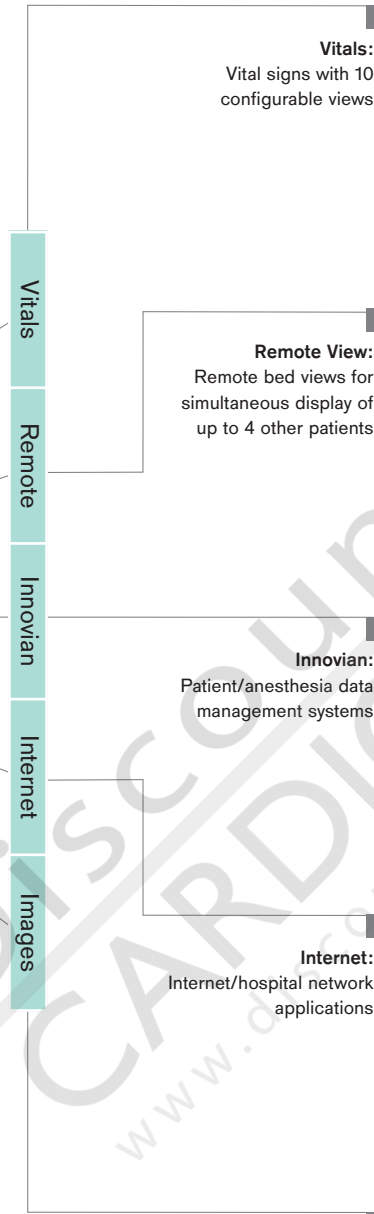
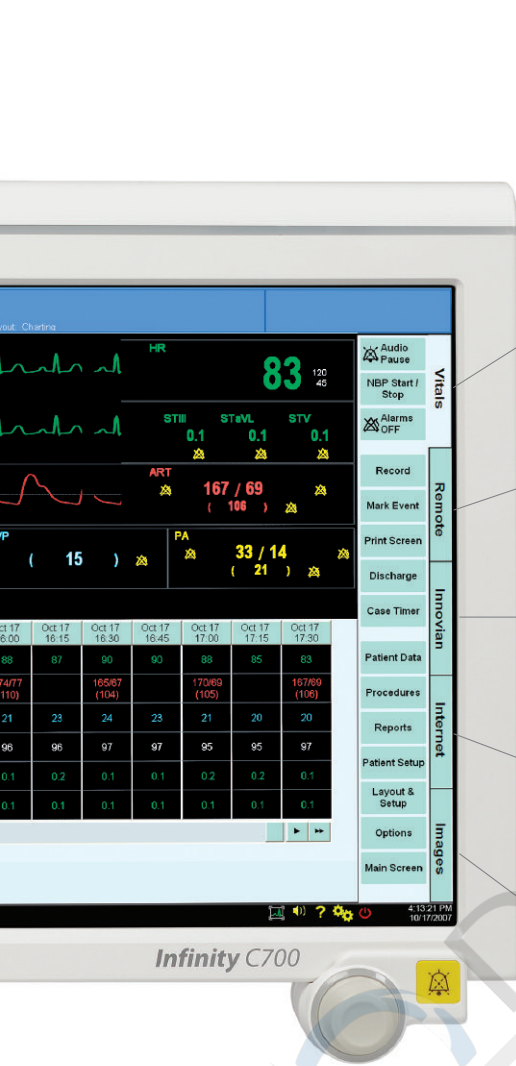
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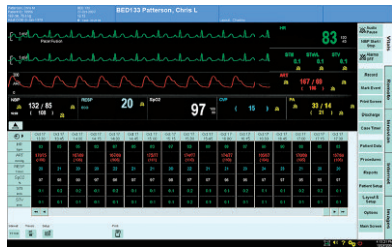
Lab

PACS

HIS



Vitals:
Vital signs with 10 configurable views



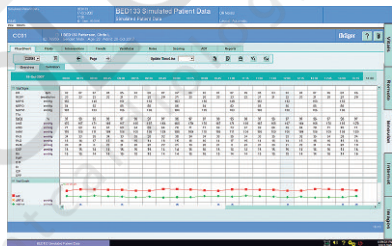
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Remote View:
Remote bed views for simultaneous display of up to 4 other patients



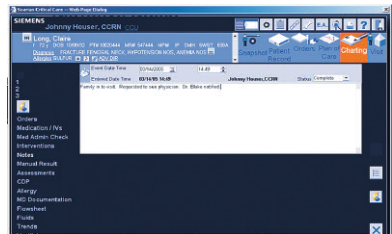
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Innovian:
Patient/anesthesia data management systems



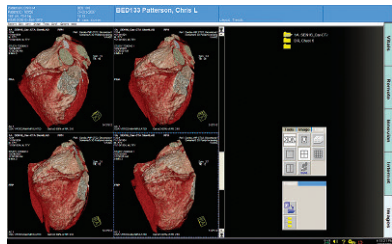
D-1137-2009

Internet:
Internet/hospital network applications



D-1138-2009

Images:
True DICOM and Web-based PACS images



D-1139-2009

Standard Hospital Network / Infinity Network (Infinity OneNet)

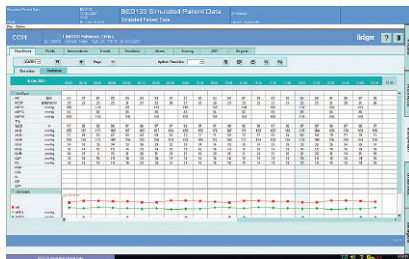
Infinity OneNet allows you to run wired and wireless monitors on the existing hospital network rather than requiring a separate network for patient monitoring.



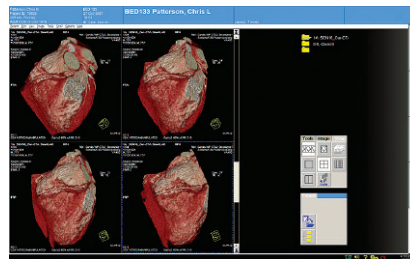
Integrate patient data at the point of care

One-stop access to information from diverse sources is particularly important in acute care environments – whether you need to see diagnostic images in the OR, Full Disclosure in the ICU, lab values in the NICU – you name it. Simply put, whatever clinical data you need to see at the point of care, you can now access on a single touchscreen display, and move among applications through an easy-to-navigate tab structure.

For example, you can access Dräger's Innovian® Solution Suite – a powerful patient data management system that includes Innovian Perioperative Care and Innovian Critical Care on the same platform. It allows you to integrate data from medical devices and departmental systems to create a comprehensive view of your patient. You can also access archived patient ECGs via Infinity MegaCare®, Dräger's Web-based ECG management system.



Innovian Perioperative Care



DICOM/PACS images

Gain remote access to patient information

Remote access to your patients' vital signs information supports fast decisions – and with Infinity Omega solutions, you can take advantage of Dräger solutions that enable remote access. Patient information collected at the point of care flows through the Infinity Network to the Infinity CentralStation for central surveillance.

Infinity Symphony Suite expands your access to valuable information stored at the Infinity CentralStation by making it available virtually anywhere on your hospital network. As a result, you can see patient vital signs in near-real-time on your PDA or PC – even from remote locations such as the home or office, or while traveling.



Supporting all care areas



Dräger also offers Infinity Omega, Dräger's flagship monitoring and IT solution that integrates hospital-wide transport based on Dräger's patented Pick and Go® technology. This technology enables you to pick up the monitor and go with the patient on transport – so there's no switching of patients between bedside and transport monitors. No more waiting for a transport monitor to come back to the department. It's easier for you, and safer for your patients.

Today, Infinity Omega solutions support patient-centered care in all departments throughout the hospital by serving as a high-acuity monitoring interface. But Omega also positions your hospital to take advantage of Dräger's leading innovations in the future.



In the time it takes to prepare traditionally monitored patients for transport, Infinity Omega patients are already there – with no interruption of surveillance or data collection.

Part of a comprehensive solution

Infinity Omega-S is part of a totally integrated solution from Dräger, a global company with more than 100 years of experience in designing medical devices for critically ill patients.

The Dräger portfolio of Monitoring and IT Solutions includes patient monitors for the bedside, in-hospital transport and telemetry. We also offer Web-based solutions for streamlining workflow and providing remote access, seamless wired and wireless networking – including a shared infrastructure option – and services to protect your investment. Our open platform gives you the flexibility to deal with changing hospital needs, while protecting your investment now and in the future.

Infinity Omega solutions: the next step toward realizing an integrated acute care environment.

HEADQUARTERS

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

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

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
d1mfr-contact@draeger.com

REGION MIDDLE EAST, AFRICA, CENTRAL AND SOUTH AMERICA

Dräger Medical GmbH
Branch Office Dubai
Dubai Healthcare City
P.O. Box 505108
Dubai, United Arab Emirates
Tel + 971 436 24 762
Fax + 971 436 24 761
contactuae@draeger.com

REGION ASIA / PACIFIC

Dräger 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

REGION NORTH AMERICA

Dräger 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

Manufacturer:

Dräger Medical Systems, Inc.
Telford, PA 18969, USA
The quality management system at
Dräger Medical Systems, Inc. is
certified according to ISO 13485,
ISO 9001 and Annex II.3 of Directive
93/42/EEC (Medical devices).