Infinity® Medical Cockpit® Gen III
Patient Monitor

Bring real-time monitoring data, networked and web-based clinical applications, and patient information from hospital systems to the point-of-care. Respond to medical alarms and adjust the parameter settings of your patient’s Dräger vital signs monitor. Develop workflows that complement your care protocols.

Alarm bar
Lights when a networked monitoring or therapy device alarms. The bar is visible from all angles, 360 degrees, to help you quickly identify which patient requires clinical attention.

Infinity® Medical Cockpit®
A TFT-LCD touchscreen display with medical-grade resolution and an Intel® Haswell-ULT i5-4300U central processor.
Model C700 features a 546 mm (21.5 in) screen, and model C500 features a 439 mm (17.3 in) screen.

Rotary control knob
Helps you navigate screens and menus, select views, drill into data and adjust display settings.
Benefits

**Bedside data access and processing**

As the bedside workstation of the Infinity Acute Care System, the Infinity Medical Cockpit provides centralized viewing and control of the Infinity M540 monitor. It also enables you to access hospital networks and clinical systems and display recorded information alongside real-time monitoring values and waveforms to compile a more complete patient profile. Run data management and web-based applications to integrate and analyze patient records, aiding decision-making.

**Image clarity**

Allows you to look at diagnostic images of near DICOM quality. The Medical Cockpit’s sturdy glass screen is visible at wide viewing angles and does not discolor with the repeated use of hospital disinfectants.

**Patient comfort**

The Medical Cockpit’s screen can be programmed to automatically dim at times when you expect the patient to sleep.

**Easy to operate**

Incorporating the Infinity Medical Cockpit into care areas already using Dräger monitoring and therapy devices is easy. Its controls and software menus will be familiar and intuitive. Plug in an optional keyboard and mouse for additional ways to interact with the system.

**Hygienic and noise-free**

The Medical Cockpit’s central processor and electronic componentry are convection-cooled by ambient room temperature air. As it is fan-less, the Medical Cockpit does not generate strong air currents that could move airborne contaminants toward nearby patients and put them at greater risk for infection. It also operates silently, displaying clinical alarms on-screen and through the alarm bar light integrated into the Medical Cockpit’s frame.
Related Products

**Infinity® Acute Care System**

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.

**TOFscan®**

The TOFscan® monitor provides an easy, reliable way to measure the muscle relaxation status of an anesthetized patient. You will see a range of data points to support you in making treatment decisions and adjustments to the patient’s neuromuscular blockade.
## Technical Data

### PRODUCT SPECIFICATIONS

**Connectors**

| Input/output ports | – 3 RS232 isolated  
|                    | – 4 USB on back panel: 3 USB 2.0; 1 USB 3.0  
|                    | – 3 USB on side panels: 2 USB 2.0 (left); 1 USB 3.0 (right)  
|                    | – 2 DisplayPort  
|                    | – 2 LAN 10/100/1000 Mb/s isolated  
| System connector   | Connector for system cable (22 pins)  

**Physical Attributes**

| Dimensions (H x W x D) | C500: 327 x 453 x 127 mm (12.87 x 17.83 x 5.00 in)  
|                       | C700: 381 x 546 x 127 mm (15.00 x 21.50 x 5.00 in)  
| Weight (without mounting) | C500: 6 kg (13.23 lbs)  
|                       | C700: 7 kg (15.43 lbs)  
| Cooling (Thermal Management) | Passive  
| User interface | Touchscreen 5-wire resistive analog, rotary knob and/or via keyboard and mouse  
| CPU | Intel® Haswell-ULT i5-4300U  
| Memory | 8 GB (standard), 16 GB (maximum) 2 SO-DIMM DDR-3L  
| Mount interface | VESA 75/100; ZEUS® mounting holes  

**Display Specifications**

| Screen resolution (min) | C500: 1920 x 1080  
|                         | C700: 1920 x 1080  
| A Medical Cockpit® can support video output (only) to a secondary display. The minimum screen resolution of the secondary display should match that of the C500 or C700 Medical Cockpit® to which it is connected.  
| Colors | C500: 16.7 million colors  
|        | C700: 16.7 million colors  
| Contrast ratio | C500: 600:1 (typical)  
|                | C700: 3000:1 (typical)  
| Viewing angle (right/left/up/down) | C500: 80/80/60/80° (typical)  
| | C700: 89/89/89/89° (typical)  
| Display diagonal size/type | C500: 439.4 mm (17.3 in) TFT widescreen backlit LCD  
| | C700: 546.1 mm (21.5 in) TFT widescreen backlit LCD  
| Alarm bar | Integrated into front bezel, 360-degree viewing angle  

**Electrical Specifications**

| Power input | Range: 16 – 30 VDC  
|            | Typical: 24 VDC  
| Maximum power consumption | C500: < 100 Watt  
|        | C700: < 100 Watt  
| Current consumption | ON mode: < 6 A  
|                      | OFF mode: < 8 mA at 16 VDC  
| Fuse | 7 A slow blow  

**ENVIRONMENTAL REQUIREMENTS**

| Temperature | Operating: 0 to 40 °C (32 to 104 °F)  
|            | Storage and transportation: -20 to 60 °C (-4 to 140 °F)  

## Technical Data

<table>
<thead>
<tr>
<th></th>
<th>Operating</th>
<th>Storage and transportation</th>
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</thead>
<tbody>
<tr>
<td><strong>Humidity (non-condensing)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>10 to 95% (non-condensing)</td>
<td>5 to 95% (non-condensing)</td>
</tr>
<tr>
<td><strong>Atmospheric pressure</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>485 to 795 mmHg (647 to 1,060 hPa)</td>
<td>375 to 795 mmHg (500 to 1,060 hPa)</td>
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<tr>
<td><strong>Shock</strong></td>
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<tr>
<td>Operating</td>
<td>15 g, half-sine, 6 ms</td>
<td>15 g, half-sine, 6 ms</td>
</tr>
<tr>
<td><strong>Vibration</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>1.60 g rms, 10 to 500 Hz</td>
<td>1.60 g rms, 10 to 500 Hz</td>
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