Infinity® Medical Cockpit®

Bring relevant clinical data to the point of care with the Infinity® Medical Cockpit®, the central display component of the Infinity® Acute Care System™ (IACS). It lets you integrate real-time patient data and IT applications at the bedside – bringing comprehensive information to the point of care.

FEATURES

- Offers choice of sizes: Infinity C700 with a 20” display or Infinity C500 with a 17” display
- Integrates real-time patient data and networked clinical applications at the point of care
- Provides easy navigation via touch screen and rotary knob
- Supports hygienic environments with fan-less design

The Dräger Infinity Medical Cockpit provides centralized viewing and control of patient data from vital signs monitors and ventilators – as well as convenient access to the hospital network, relevant clinical information, data management and other Web-based applications.

A Dräger-standardized user interface allows intuitive operation via a touch screen and backlight-guided rotary control knob. To support workflow, the screen can be set to automatically dim at night for the comfort of the patient. An integrated alarm bar provides 360-degree visibility, making it easy to identify which device is alarming. Support of a plug-and-play keyboard and mouse make it easy to use IT applications. To improve hygienic aspects and reduce noise and dust in the clinical environment, the Medical Cockpit is designed without the need for a cooling fan.

Dräger currently offers two Medical Cockpits as part of IACS: the Infinity C500 and Infinity C700. The Infinity C500 Medical Cockpit has a 17” display that uses analog resistive touch-screen technology. The Infinity C700 has a 20” widescreen display and offers a large viewing angle and extended screen configuration capabilities. Its resistive touch-screen technology provides high image clarity on a sturdy all-glass panel.
## Technical Data

### Product Specifications

#### Connectors

- **Input/output ports**
  - 3 external RS232 (9-pin) connectors
  - 4 USB ports (on the back panel)
  - 2 USB ports (one on each side panel)
  - 1 DVI for digital video output (secondary display – same image as Medical Cockpit®)
  - 2 RJ 45 Ethernet connectors

- **System connector**
  Connector for system cable (22 pins)

#### Physical Attributes

- **Dimensions (H × W × D)**
  - C500: 322 × 416 × 122 mm (12.68 × 16.38 × 4.8 in)
  - C700: 374 × 489 × 136 mm (14.72 × 19.25 × 5.35 in)

- **Weight (without mounting)**
  - C500: 7 kg (15.43 lbs)
  - C700: 9 kg (19.84 lbs)

- **Cooling**
  - Convection

- **User interface**
  - Touch screen, rotary knob and/or via keyboard and mouse

- **CPU**
  - Intel® Celeron® M 723 ULV

- **Memory**
  - 1 GB (1× SO-DIMM DDR-3)

- **Maximum power consumption**
  - C500: <55 Watt
  - C700: <100 Watt

- **Mount interface**
  - VESA 100

#### Display Specifications

- **Screen resolution (max)**
  - C500: 1,440 × 900
  - C700: 1,680 × 1050
  - Note: secondary display must also match screen resolution of the respective Medical Cockpit® used.

- **Colors**
  - C500: 16.7 million colors
  - C700: 16.7 million colors

- **Contrast ratio**
  - C500: 500:1
  - C700: 800:1

- **Horizontal viewing angle**
  - C500: ≥ 150°
  - C700: ≥ 160°

- **Display type**
  - C500: 431.8 mm (17.0 in) TFT widescreen LCD
  - C700: 510.5 mm (20.1 in) TFT widescreen LCD

- **Alarm bar**
  - Integrated into front bezel, 360-degree viewing angle
ENVIRONMENTAL REQUIREMENTS

<table>
<thead>
<tr>
<th></th>
<th>Operating</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature</strong></td>
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<td></td>
</tr>
<tr>
<td>Operating</td>
<td>0°C to 40°C (32°F to 104°F)</td>
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<tr>
<td>Storage</td>
<td>-20°C to 60°C (-4°F to 140°F)</td>
<td></td>
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<tr>
<td><strong>Relative humidity</strong></td>
<td>10 % to 95 % (non-condensing)</td>
<td>5 % to 95 % (non-condensing)</td>
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<tr>
<td><strong>Atmospheric pressure</strong></td>
<td>525 to 795 mmHg (70 to 106 kPa)</td>
<td>375 to 795 mmHg (50 to 106 kPa)</td>
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<tr>
<td><strong>Standards</strong></td>
<td></td>
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<tr>
<td>EN 55011: Class B</td>
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<tr>
<td>IEC 60601-1:2005 AMD 1 2012 Medical Safety</td>
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<tr>
<td>IEC 60601-1-1 Medical Electrical System</td>
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<tr>
<td>IEC 60601-1-2 EMC (Electromagnetic Compatibility), overall standard</td>
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<tr>
<td>EN 60529: IP21</td>
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<tr>
<td>IEC 60601-1-8 standard applies to many components in the system</td>
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<tr>
<td>Liquid ingress protection</td>
<td>IP21 per IEC 60529</td>
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<tr>
<td>Operational shock</td>
<td>10 g, half-sine, 11 ms, 600 total shocks, per IEC 60068-2-29</td>
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<tr>
<td>Random vibration</td>
<td>1.04 g rms, broadband, 10 to 500 Hz, 6 hours, per IEC 60068-2-64</td>
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ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
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<tbody>
<tr>
<td>Infinity® C500 (2nd Generation)</td>
<td>MK31501</td>
</tr>
<tr>
<td>Infinity® C700 (2nd Generation)</td>
<td>MK31701</td>
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Please see the respective IACS data sheets for power supply information. Infinity® C500/C700 Medical Cockpits® are sold as part of a monitoring system. Order via MS25510 and MS25520.

For a list of available languages, contact your Dräger sales representative.

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This product may not be approved for Market Release in all countries.