

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 bedside.



FEATURES

- Offers choice of size: Infinity C700 with a 20" display or Infinity C500 with a 17" display
- Integrates patient real-time 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 can be seen from all sides, 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 Surface Acoustic Wave (SAW) touch-screen technology provides high image clarity on a sturdy all-glass panel.



Infinity C700 Medical Cockpit



Infinity C500 Medical Cockpit

TECHNICAL DATA

Product Specifications

Connectors

Input/output ports	<ul style="list-style-type: none"> - 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 DVI – currently not used - 2 RJ 45 Ethernet connectors
System connector	Connector for system cable (22 pins)

Physical Attributes

Dimensions (H x W x D)	
Infinity C500	284 x 414 x 95 mm (11.18 x 16.3 x 3.74 in)
Infinity C700	337 x 486 x 127.5 mm (13.27 x 19.13 x 5.02 in)
Weight (without mounting)	
Infinity C500	7 kg (15.43 lbs)
Infinity C700	11.2 kg (24.7 lbs)
Cooling	Convection
User interface	Touch screen, rotary knob and/or via keyboard and mouse
CPU	Intel® Pentium® M 1.4 GHz with 2 MB L2 cache
Memory	1GB (DDR2 533 SODIMM)
Maximum power consumption	Infinity C500: <55 Watt Infinity C700: <100 Watt
Mount interface	VESA 100

Display Specifications

Screen resolution (max)	C500: 1440 x 900 C700: 1680 x 1050
Note: secondary display must also match screen resolution of the respective Medical Cockpit used.	
Colors	C500: 262,144 colors C700: 16.7 million colors (RGB 8-bit data)
Contrast ratio	500:1
Horizontal viewing angle	C500: ≥120° C700: ≥150°
Display type	C500: 43.2 cm (17.0 in) TFT widescreen LCD C700: 51 cm (20.1 in) TFT widescreen LCD
Alarm bar	Integrated into front bezel, viewing angle visible from all around

ENVIRONMENTAL REQUIREMENTS

Temperature

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

Relative humidity

Operating	10% to 95% (non-condensing)
Storage	5% to 95% (non-condensing)

Atmospheric pressure

Operating	525 to 795 mmHg (70 to 106 kPa)
Storage	375 to 795 mmHg (50 to 106 kPa)
Altitude	0 to 3048 m (0 to 10,000 ft)

Standards

IEC 60601-1 (2nd edition) and applicable particular and collateral standards with applicable regional and national deviations,
 IEC 60601-1-2:2004, EMC overall standard
 FCC, Class B

Liquid ingress protection	IPX1 (drip-proof) per IEC 60529
Packaged shock and vibration	Per ISTA procedure 1
Operational shock	10 g, half-sine, 11 ms, 600 total shocks, per IEC 60068-2-29
Random vibration	1.04 g rms, broadband, 10 to 500 Hz, 6 hours, per IEC 60068-2-64

ORDERING INFORMATION

Infinity C500	MS18746
Infinity C700	MS18747

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.

Intel and Pentium are registered trademarks of Intel Corporation.

Infinity is a registered trademark and Acute Care System and Medical Cockpit are trademarks of Dräger Medical.



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

Draeger 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 AG & Co. KG
23542 Lübeck, Germany
The quality management system at
Dräger Medical AG & Co. KG is
certified according to ISO 13485,
ISO 9001 and Annex II.3 of Directive
93/42/EEC (Medical devices).