

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.



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 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

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 and transportation	5 % to 95 % (non-condensing)

Atmospheric pressure

Operating	525 to 795 mmHg (70 to 106 kPa)
Storage and transportation	375 to 795 mmHg (50 to 106 kPa)

Standards

EN 55011: Class B

IEC 60601-1:2005 AMD 1 2012 Medical Safety

IEC 60601-1-1 Medical Electrical System

IEC 60601-1-2 EMC (Electromagnetic Compatibility), overall standard

EN 60529: IP21

1500 VAC RMS Ethernet isolation (EN60601)

1500 VAC dielectric, creepage and clearance: 4 and 2.5 mm respectively

Ethernet 10/100 isolation according to IEC 60601-1-1, supports auto detection, Packaged drop and

vibration according to ISTA procedure 1

IEC 60601-1-8 standard applies to many components in the system

Liquid ingress protection	IP21 per IEC 60529
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 (2nd Generation)	MK31501
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Infinity® C700 (2nd Generation)	MK31701
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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.

CORPORATE HEADQUARTERS

Draegerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany

www.draeger.com

Manufacturer:

Draeger Medical GmbH
Moislinger Allee 53–55
23558 Lübeck, Germany

As of August 2015:

Draeger Medical GmbH changes to
Draegerwerk AG & Co. KGaA.

Locate your Regional Sales
Representative at:
www.draeger.com/contact



**REGION EUROPE CENTRAL
AND EUROPE NORTH**

Draeger 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

Draeger 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

Draeger Medical GmbH
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA / PACIFIC

Draeger 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

**REGION CENTRAL
AND SOUTH AMERICA**

Draeger Panama Comercial
S. de R.L.
Complejo Business Park,
V tower, 10th floor
Panama City
Tel +507 377 9100
Fax +507 377 9130
contactcsa@draeger.com