Dräger

Infinity® C700 for IT Workstation

Today, a patient-vicinity IT workstation is a necessity for bringing integrated clinical information to the point of care. The Infinity® C700 for IT is a state-of-the-art medical device that displays patient vital sign data, clinical software applications, and networked information at the point of care.

The Infinity C700 for IT combines a CPU with a 20" touchscreen color display designed for use at the patient vicinity. The widescreen format offers a large viewing angle for increased visibility, while the Surface Acoustic Wave (SAW) touchscreen technology provides high image clarity with a sturdy all-glass panel that is ideal for hygienic environments.

The 20" widescreen format makes it easy to display information in a split screen presentation, while the fan-less design reduces dust and noise level.

The Infinity C700 for IT supports clinical decision-making as either a patient-vicinity PC or as the widescreen component of the Infinity Omega solution.

Infinity C700 for IT workstation
Combines CPU with 20" touchscreen display, space-saving profile, and quiet fan-less design.

TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS

H x W x D	337 mm x 486 mm x 127.5 mm (13.27 x 19.13 x 5.02)
Weight	11.2 kg (24.7 lbs)
Cooling	Convection
Touchscreen	Surface Acoustic Wave (SAW)
CPU	INTEL Pentium M 1.4 GHz with 2 MB L2 Cache
Memory	1 GB (DDR2 533 SODIMM)
Power MTBF	Minimum 100,000 hours
Operating system	Microsoft Windows® XP Pro
Computer memory and realtime	3 V lithium coin cell (part number MS22812)

CONTINUING TECHNICAL SPECIFICATIONS

clock backup battery	Connectors
3 external RS232 (9-pin) connectors (not used)	
4 USB ports (on the back panel)	
2 USB ports (on the side panel)	
1 DVI for independently configurable display with touch screen control	
(not enabled with Infinity Explorer)	
	2 DVI for independently configurable display output supporting up to 1920 x 1200 resolution (not enabled with Infinity Explorer)
	2 RJ45 Ethernet connectors to connect to safety extra-low voltage (SELV) networks
Input voltage	18V to 30V DC, 5.5 A/3.3 A max
Rotary knob (optional)	Navigation tool

DISPLAY SPECIFICATIONS

Resolution (max)	1680 x 1050
Colors	262,000
Contrast ratio	500:1
LCD MTBF	50,000 hours
Viewing angle	170 degrees
Display type	51 cm (20.1 inch) TFT wide screen LCD
Dot size (mm)	0.258 mm

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	70 to 106 kPa
Storage	50 to 106 kPa

Altitude	0 to 3048 m (0 to 10,000 feet)

Standards

	FCC, Class B
	IEC 60601-1: (EN60601-1)
	CAN/CSA 22.2 No 601.1 M90 (with release to Canada)
	UL 60601-1 (with release to U.S.)
	IEC 60601-1-1: 2000 Medical Electrical System
	IEC 60601-1-2:2001, EMC overall standard
Liquid ingress protection	IPX1 (drip-proof) per IEC 60529
Packaged Shock and Vibration	Per ISTA procedure 1
Operational shock	30 G, half-sine, 11 ms, 600 total shocks, per IEC 60068-2-27
Operational vibration	IEC 60068-2-6 (0.047 double amplitude displacement (5-32 Hz) 2G (32-500 Hz)
Random vibration	1.04 g rms, broadband, 10 to 500 Hz, 6 hours, per IEC 60068-2-64

POWER SUPPLY (120 WATTS) SPECIFICATIONS

CAUTION: Always use a power cord with a hospital-grade plug.

Physical Attributes

Connections	System cable
Cooling	Convection – non vented case
Size (W x D x H)	74 mm x 51 mm x 229 mm (10.93 x 2.0 x 2.9)
Weight	684 grams, 24 ounces (excluding cord)
Power requirements	Voltage – 100 to 240 VAC (50 to 60 Hz, 2.0 A)
	MBTF – Minimum 100,000 hours
DC output	+24V/5 A
Protection class	Class I
Mode of operation	Continuous
Liquid ingress protection	IPX 0 per IEC 60529

Environmental Requirements

Temperature range

Operating	0° C to 40° C (32° F to 104° F)
Storage	-30° C to 85° C (-22° F to 185° F)

Relative humidity

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

Atmospheric pressure

Operating	70 to 106 kPa
Storage	50 to 106 kPa
Altitude	0 to 3048 m (0 to 10,000 feet)

Standards

Complies with IEC 60601-1 and IEC 60601-1-2 with applicable regional/national deviations

ORDERING INFORMATION

Infinity C700 for IT Workstation	MS22249
120 watt power supply for use with the Infinity C700 for IT	MS20749
Rotary knob (optional)	MS22771

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

HEADQUARTERS
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As of August 2015:
Dräger Medical GmbH changes to
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The quality management system at
Draeger Medical Systems, Inc. is
certified according to ISO 13485,
ISO 9001 and Annex II.3 of Directive
93/42/EEC (Medical devices).