



Aeonmed Patient Monitor

CE 0123

aeomed
Reliable Quality Thoughtful Service

Caredo F2

Patient Monitor



Caredo F2 Specifications

Physical Specification

- Dimensions: 161 mm (D) x 303 mm (W) x 254 mm (H)
- Weight: Less than 3.8kg (with standard configuration, without battery)

Display

- Type: Color TFT LCD 10.4", touch screen
- Resolution: 800 x 600
- Waves Displayed: 11 max

Strip Chart Recorder (optional)

- Print speed: 12.5, 25, 50mm/s
- Traces: 3
- Record width: 48mm

ECG

- Lead Types: 12-lead (optional), 5-lead, 3-lead
- Gain: Auto, x0.125(1.25mm/mV), x0.25, x0.50, x1, x2
- Sweep Speed: 6.25, 12.5, 25, 50mm/s
- ECG HR Range:
 - Adult: 15 – 300bpm Pediatric/Neonate: 15 – 350bpm
- Resolution: 1bpm
- Accuracy: +/-1bpm or +/-1%
- Bandwidth: Diagnostic Mode: 0.05 – 150Hz
- Monitoring Mode: 0.5 – 40Hz
- Surgical Mode: 1 – 20Hz
- S-T Segment Detection:
 - Measurement Range: -2.0mV – +2.0mV
 - Alarm Range: -2.0mV – +2.0mV

RESP

- Method: Trans-thoracic Impedance
- Operation Mode: Auto/Manual
- RR Measurement Range:
 - Adult: 0 – 120rpm: Neonate/Ped. 0 – 150rpm
- Resolution: 1rpm
- Accuracy: +/-2rpm
- Apnea Alarm Threshold: 10, 15, 20, 25, 30, 35, 40 sec.
- Sweep Speed: 6.25, 12.5, 25, 50mm/s

SpO₂ (default module)

- Meas. & Alarm Range: 0 – 100%
- Resolution: 1%
- Accuracy: +/-2% (70 – 100%, Adult, Pediatric); +/-3% (70 – 100%, Neo.)
- PR Range: 25 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-2bpm
- Refresh Rate: 1sec.

SpO₂ (Nellcor module, optional)

- Measurement & Alarm Range: 1 – 100%
- Resolution: 1%
- PR Range: 20 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-3 or 4bpm(depends on probe)
- Refresh Rate: 1sec.

NIBP (default module)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult:
 - Systolic Pressure: 40 – 270mmHg
 - Diastolic Pressure: 10 – 215mmHg
 - Mean Art. Pressure: 20 – 235mmHg
 - Pediatric:
 - Systolic Pressure: 40 – 230mmHg
 - Diastolic Pressure: 10 – 180mmHg
 - Mean Art. Pressure: 20 – 195mmHg

- Neonate:
 - Systolic Pressure: 40 – 135mmHg
 - Diastolic Pressure: 10 – 100mmHg
 - Mean Art. Pressure: 20 – 110mmHg
 - Pulse Rate: 40 – 240bpm

NIBP (OMRON Module, optional)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult/Pediatric:
 - Systolic Pressure: 60 – 250mmHg
 - Diastolic Pressure: 40 – 200mmHg
 - Mean Art. Pressure: 45 – 235mmHg
 - Neonate:
 - Systolic Pressure: 40 – 120mmHg
 - Diastolic Pressure: 20 – 90mmHg
 - Mean Art. Pressure: 30 – 100mmHg
- Pulse Rate: ADT/PED 40 – 200bpm, NEO 40 – 240bpm
- Pressure Accuracy:
 - Max mean error: +/-5mmHg
 - Max Standard Deviation: 8mmHg

Temperature

- Measurement/Alarm Range: 0 – 50°C(32 – 122°F)
- Resolution: 0.1°C(0.1°F)
- Accuracy: +/-0.1°C(+/-0.2°F)(excluding sensor)
- Channels: 2; provides T1, T2, ΔT

IBP (optional)

- Channels: 2
- Site Labels: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measurement Range: -50 – 300mmHg
- Resolution: 1mmHg
- Accuracy: +/-2% or +/-1mmHg
- Sensitivity: 5μV/V/mmHg
- Impedance Range: 300 – 3000 Ohm

C.O. (optional)

- Method: Thermodilution
- Measuring Range:
 - C.O.: 0.1L/min to 20L/min
- Tblood: 23°C – 43°C
- Tinject: -1°C – 27°C

CO₂ (optional)

- Type: Sidestream or Mainstream
- Range: 0 – 150mmHg
- Accuracy:
 - +/-2mmHg 0 – 40mmHg
 - +/-5% 41 – 70mmHg
 - +/-8% 71 – 100mmHg
 - +/-10% 101 – 150mmHg

- AwRR Range: 2 – 150rpm
- AwRR Accuracy: +/-1rpm

Anesthetic Gas/O₂ (optional)

- Technology: Infrared Absorption
- Paramagnetic Oxygen: optional
- Gases: CO₂, O₂, N₂O, Des, Iso, Enf, Hal, Sev with Auto Agent ID
- Warm-up time:
 - Mainstream: IRMA AX+: <20s
 - Sidestream: <20s
- Sample Flow Rate: 50+/-10ml/min

Power Supply

- AC Power: 100 – 240VAC, 50/60Hz
- Battery Technology: Rechargeable Li-ion, ≥3.5 hours
- Analog output, Defib.Sync., Nurse Call, USB, VGA, Network RJ-45, SD card

Caredo F3

Patient Monitor



Caredo F3 Specifications

Physical Specification

- Dimensions: 198 mm (D) x 261 mm (W) x 215 mm (H)
- Weight: Less than 3.6kg (with standard configuration, without battery)

Display

- 8.4 inch color TFT, supporting touch screen
- Resolution: 800x600
- Waves Displayed: 11 max

Strip Chart Recorder (optional)

- Print speed: 12.5, 25, 50mm/s
- Traces: 3
- Record width: 48mm

ECG

- Lead Types: 12-lead (optional), 5-lead, 3-lead
- Gain: Auto, x0.125(1.25mm/mV), x0.25, x0.50, x1, x2
- Sweep Speed: 6.25, 12.5, 25, 50mm/s
- ECG HR Range:
 - Adult: 15 – 300bpm Pediatric/Neonate: 15 – 350bpm
- Resolution: 1bpm
- Accuracy: +/-1bpm or +/-1%
- Bandwidth: Diagnostic Mode: 0.05 – 150Hz
- Monitoring Mode: 0.5 – 40Hz
- Surgical Mode: 1 – 20Hz
- S-T Segment Detection:
 - Measurement Range: -2.0mV – +2.0mV
 - Alarm Range: -2.0mV – +2.0mV

RESP

- Method: Trans-thoracic Impedance
- Operation Mode: Auto/Manual
- RR Measurement Range:
 - Adult: 0 – 120rpm: Neonate/Ped. 0 – 150rpm
- Resolution: 1rpm
- Accuracy: +/-2rpm
- Apnea Alarm Threshold: 10, 15, 20, 25, 30, 35, 40 sec.
- Sweep Speed: 6.25, 12.5, 25, 50mm/s

SpO₂ (default module)

- Meas. & Alarm Range: 0 – 100%
- Resolution: 1%
- Accuracy: +/-2% (70 – 100%, Adult, Pediatric); +/-3% (70 – 100%, Neo.)
- PR Range: 25 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-2bpm
- Refresh Rate: 1sec.

SpO₂ (Nellcor module, optional)

- Measurement & Alarm Range: 1 – 100%
- Resolution: 1%
- PR Range: 20 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-3 or 4bpm(depends on probe)
- Refresh Rate: 1sec.

NIBP (default module)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult:
 - Systolic Pressure: 40 – 270mmHg
 - Diastolic Pressure: 10 – 215mmHg
 - Mean Art. Pressure: 20 – 235mmHg
 - Pediatric:
 - Systolic Pressure: 40 – 230mmHg
 - Diastolic Pressure: 10 – 180mmHg
 - Mean Art. Pressure: 20 – 195mmHg

- Neonate:
 - Systolic Pressure: 40 – 135mmHg
 - Diastolic Pressure: 10 – 100mmHg
 - Mean Art. Pressure: 20 – 110mmHg
 - Pulse Rate: 40 – 240bpm

NIBP (OMRON Module, optional)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult/Pediatric:
 - Systolic Pressure: 60 – 250mmHg
 - Diastolic Pressure: 40 – 200mmHg
 - Mean Art. Pressure: 45 – 235mmHg
 - Neonate:
 - Systolic Pressure: 40 – 120mmHg
 - Diastolic Pressure: 20 – 90mmHg
 - Mean Art. Pressure: 30 – 100mmHg
 - Pulse Rate: ADI/PED 40 – 200bpm, NEO 40 – 240bpm
- Pressure Accuracy:
 - Max mean error: +/-5mmHg
 - Max Standard Deviation: 8mmHg

Temperature

- Measurement/Alarm Range: 0 – 50°C(32 – 122°F)
- Resolution: 0.1°C(0.1°F)
- Accuracy: +/-0.1°C(+/-0.2°F)(excluding sensor)
- Channels: 2; provides T1, T2, ΔT

IBP (optional)

- Channels: 2
- Site Labels: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measurement Range: -50 – 300mmHg
- Resolution: 1mmHg
- Accuracy: +/-2% or +/-1mmHg
- Sensitivity: 5μV/V/mmHg
- Impedance Range: 300 – 3000 Ohm

C.O. (optional)

- Method: Thermodilution
- Measuring Range:
 - C.O.: 0.1L/min to 20L/min
- Tblood: 23°C – 43°C
- Tinject: -1°C – 27°C

CO₂ (optional)

- Type: Sidestream or Mainstream
- Range: 0 – 150mmHg
- Accuracy:
 - +/-2mmHg (0 – 40mmHg)
 - +/-5% (41 – 70mmHg)
 - +/-8% (71 – 100mmHg)
 - +/-10% (101 – 150mmHg)

- AwRR Range: 2 – 150rpm
- AwRR Accuracy: +/-1rpm

Anesthetic Gas/O₂ (optional)

- Technology: Infrared Absorption
- Paramagnetic Oxygen: optional
- Gases: CO₂, O₂, N₂O, Des, Iso, Enf, Hal, Sev with Auto Agent ID
- Warm-up time:
 - Mainstream: IRMA AX+: <20s
 - Sidestream: <20s
- Sample Flow Rate: 5 0+/-10ml/min

Power Supply

- AC Power: 100 – 240VAC, 50/60Hz
- Battery Technology: Rechargeable Li-ion, ≥3.5 hours
- Analog output, Defib.Sync., Nurse Call, USB, VGA, Network RJ-45, SD card

Caredo F3S

Patient Monitor



Caredo F3S Specifications

Physical Specification

- Dimensions: 85.3 mm (D) x 185 mm (W) x 116 mm (H)
- Weight: Less than 1.5kg (with battery and without accessories)

Display

- Type: Color TFT LCD 5", touch screen
- Resolution: 800 x 480

ECG

- Lead Types: 12-lead (optional), 5-lead, 3-lead
- Gain: Auto, x0.125(1.25mm/mV), x0.25, x0.50, x1, x2, x4
- Sweep Speed: 6.25, 12.5, 25mm/s
- ECG HR Range:
 - Adult: 15 – 300bpm Pediatric/Neonate: 15 – 350bpm
- Resolution: 1bpm
- Accuracy: +/-1bpm or +/-1%
- Bandwidth: Diagnostic Mode: 0.05 – 150Hz
- Monitoring Mode: 0.5 – 40Hz
- Surgical Mode: 1 – 20Hz
- S-T Segment Detection:
 - Measurement Range: -2.0mV – +2.0mV

RESP

- Method: Trans-thoracic Impedance
- Operation Mode: Auto/Manual
- RR Measurement Range:
 - Adult: 0 – 120rpm: Neonate/Ped. 0 – 150rpm
- Resolution: 1rpm
- Accuracy: +/-2rpm
- Apnea Alarm Threshold: 10, 15, 20, 25, 30, 35, 40sec.
- Sweep Speed: 6.25, 12.5, 25mm/s

SpO₂ (default module)

- Measurement Range: 0 – 100%
- Alarm Range: 20 – 100%
- Resolution: 1%
- Accuracy: +/-2% (70 – 100%, Adult, Pediatric); +/-3% (70 – 100%, Neo.)
- PR Range: 25 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-2bpm
- Refresh Rate: 1sec.

SpO₂ (Nellcor module, optional)

- Measurement Range: 1 – 100%
- Alarm Range: 20 – 100%
- Resolution: 1%
- PR Range: 20 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-3
- Refresh Rate: 1sec.

NIBP (default module)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult:
 - Systolic Pressure: 40 – 270mmHg
 - Diastolic Pressure: 10 – 215mmHg
 - Mean Art. Pressure: 20 – 235mmHg

- Pediatric:
 - Systolic Pressure: 40 – 230mmHg
 - Diastolic Pressure: 10 – 180mmHg
 - Mean Art. Pressure: 20 – 195mmHg
- Neonate:
 - Systolic Pressure: 40 – 135mmHg
 - Diastolic Pressure: 10 – 100mmHg
 - Mean Art. Pressure: 20 – 110mmHg
 - Pulse Rate: 40 – 240bpm

NIBP (SunTech Module, optional)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult:
 - Systolic Pressure: 40 – 260mmHg
 - Diastolic Pressure: 20 – 200mmHg
 - Mean Art. Pressure: 26 – 220mmHg
 - Pediatric:
 - Systolic Pressure: 40 – 230mmHg
 - Diastolic Pressure: 20 – 160mmHg
 - Mean Art. Pressure: 26 – 183mmHg
 - Neonate:
 - Systolic Pressure: 40 – 130mmHg
 - Diastolic Pressure: 20 – 100mmHg
 - Mean Art. Pressure: 26 – 110mmHg
- Pulse Rate: ADT/PED/NEO30 – 220bpm
- Pressure Accuracy:
 - Max mean error: +/-5mmHg
 - Max Standard Deviation: 8mmHg

Temperature

- Measurement/Alarm Range: 0 – 50°C(32 – 122°F)
- Resolution: 0.1°C(0.1°F)
- Accuracy: +/-0.3°C
- Channels: 2; provides T1, T2, ΔT

IBP (optional)

- Channels: 2
- Site Labels: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measurement Range: -50 – 300mmHg
- Resolution: 1mmHg
- Accuracy: +/-2% or +/-1mmHg
- Sensitivity: 5μV/V/mmHg
- Impedance Range: 300 – 3000 Ohm

CO₂ (optional)

- Type: Sidestream or Mainstream
- Range: 0 – 150mmHg
- Accuracy:
 - +/-2mmHg (0 – 40mmHg)
 - +/-5% (41 – 70mmHg)
 - +/-8% (71 – 100mmHg)
 - +/-10% (101 – 150mmHg)

- AwRR Range: 2 – 150rpm
- AwRR Accuracy: +/-1rpm

Power Supply

- AC Power: 100 – 240VAC, 50/60Hz
- DC Power: 10 – 16VDC
- Battery Technology: Rechargeable Li-ion, 5.5 hours
- Interface: USB

Caredo F5

Patient Monitor



Caredo F5 Specifications

Physical Specification

- Dimensions: 158 mm (D) x 328 mm (W) x 285 mm (H)
- Weight: Less than 4.5kg (with standard configuration, without battery)

Display

- Type: Color TFT LCD 12.1", touch screen
- Resolution: 800 x 600
- Waves Displayed: 11 max

Strip Chart Recorder (optional)

- Print speed: 12.5, 25, 50mm/s
- Traces: 3
- Record width: 48mm

ECG

- Lead Types: 12-lead (optional), 5-lead, 3-lead
- Gain: Auto, x0.125(1.25mm/mV), x0.25, x0.50, x1, x2
- Sweep Speed: 6.25, 12.5, 25, 50mm/s
- ECG HR Range:
 - Adult: 15 – 300bpm Pediatric/Neonate: 15 – 350bpm
- Resolution: 1bpm
- Accuracy: +/-1bpm or +/-1%
- Bandwidth: Diagnostic Mode: 0.05 – 150Hz
- Monitoring Mode: 0.5 – 40Hz
- Surgical Mode: 1 – 20Hz
- S-T Segment Detection:
 - Measurement Range: -2.0mV – +2.0mV
- Alarm Range: -2.0mV – +2.0mV

RESP

- Method: Trans-thoracic Impedance
- Operation Mode: Auto/Manual
- RR Measurement Range:
 - Adult: 0 – 120rpm: Neonate/Ped. 0 – 150rpm
- Resolution: 1rpm
- Accuracy: +/-2rpm
- Apnea Alarm Threshold: 10, 15, 20, 25, 30, 35, 40 sec.
- Sweep Speed: 6.25, 12.5, 25, 50mm/s

SpO₂ (default module)

- Meas. & Alarm Range: 0 – 100%
- Resolution: 1%
- Accuracy: +/-2% (70 – 100%, Adult, Pediatric); +/-3% (70 – 100%, Neo.)
- PR Range: 25 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-2bpm
- Refresh Rate: 1sec.

SpO₂ (Nellcor module, optional)

- Measurement & Alarm Range: 1 – 100%
- Resolution: 1%
- PR Range: 20 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-3 or 4bpm(depends on probe)
- Refresh Rate: 1sec.

NIBP (default module)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult:
 - Systolic Pressure: 40 – 270mmHg
 - Diastolic Pressure: 10 – 215mmHg
 - Mean Art. Pressure: 20 – 235mmHg
 - Pediatric:
 - Systolic Pressure: 40 – 230mmHg
 - Diastolic Pressure: 10 – 180mmHg
 - Mean Art. Pressure: 20 – 195mmHg

- Neonate:
 - Systolic Pressure: 40 – 135mmHg
 - Diastolic Pressure: 10 – 100mmHg
 - Mean Art. Pressure: 20 – 110mmHg
 - Pulse Rate: 40 – 240bpm

NIBP (OMRON Module, optional)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult/Pediatric:
 - Systolic Pressure: 60 – 250mmHg
 - Diastolic Pressure: 40 – 200mmHg
 - Mean Art. Pressure: 45 – 235mmHg
 - Neonate:
 - Systolic Pressure: 40 – 120mmHg
 - Diastolic Pressure: 20 – 90mmHg
 - Mean Art. Pressure: 30 – 100mmHg
- Pulse Rate: ADT/PED 40 – 200bpm, NEO 40 – 240bpm
- Pressure Accuracy:
 - Max mean error: +/-5mmHg
 - Max Standard Deviation: 8mmHg

Temperature

- Measurement/Alarm Range: 0 – 50°C(32 – 122°F)
- Resolution: 0.1°C(0.1°F)
- Accuracy: +/-0.1°C(+/-0.2°F)(excluding sensor)
- Channels: 2; provides T1, T2, ΔT

IBP (optional)

- Channels: 2
- Site Labels: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measurement Range: -50 – 300mmHg
- Resolution: 1mmHg
- Accuracy: +/-2% or +/-1mmHg
- Sensitivity: 5µV/V/mmHg
- Impedance Range: 300 – 3000 Ohm

C.O. (optional)

- Method: Thermodilution
- Measuring Range:
 - C.O.: 0.1L/min to 20L/min
 - Tblood: 23°C – 43°C
 - Tinject: -1°C – 27°C

CO₂ (optional)

- Type: Sidestream or Mainstream
- Range: 0 – 150mmHg
- Accuracy:
 - +/-2mmHg (0 – 40mmHg)
 - +/-5% (41 – 70mmHg)
 - +/-8% (71 – 100mmHg)
 - +/-10% (101 – 150mmHg)
- AwRR Range: 2 – 150rpm
- AwRR Accuracy: +/-1rpm

Anesthetic Gas/O₂ (optional)

- Technology: Infrared Absorption
- Paramagnetic Oxygen: optional
- Gases: CO₂, O₂, N₂O, Des, Iso, Enf, Hal, Sev with Auto Agent ID
- Warm-up time:
 - Mainstream: IRMA AX+: <20s
 - Sidestream: <20s
- Sample Flow Rate: 50+/-10ml/min

Power Supply

- AC Power: 100 – 240VAC, 50/60Hz
- Battery Technology: Rechargeable Li-ion, ≥ 7 hours
- Analog output, Defib.Sync., Nurse Call, USB, VGA, Network RJ-45, SD card

Caredo F6

Patient Monitor



F6 Specifications

Physical Specification

- Dimensions: 333 mm (L) x 211 mm (W) x 289 mm (H)
- Weight: Less than 6.2kg (with XM module)

Display

- Type: Color TFT LCD 12.1', touch screen
- Resolution: 1280 x 1024
- Waves Displayed: 13 max

Strip Chart Recorder (optional)

- Print speed: 12.5, 25, 50mm/s
- Traces: 3
- Record width: 48mm

ECG

- Lead Types: 12-lead (optional), 5-lead, 3-lead
- Gain: Auto, x0.125(1.25mm/mV), x0.25, x0.50, x1, x2, x4(40mm/mV)
- Sweep Speed: 6.25, 12.5, 25, 50mm/s
- ECG HR Range: Adult: 15 – 300bpm Pediatric/Neonate: 15 – 350bpm
- Resolution: 1bpm
- Accuracy: +/-1bpm or +/-1%
- Bandwidth: Diagnostic Mode: 0.05 – 150Hz
- Monitoring Mode: 0.5 – 40Hz
- Surgical Mode: 1 – 20Hz
- S-T Segment Detection: Measurement Range: -2.0mV – +2.0mV
- Alarm Range: -2.0mV – +2.0mV

RESP

- Method: Trans-thoracic Impedance
- Operation Mode: Auto/Manual
- RR Measurement Range: Adult: 0 – 120rpm; Neonate/Ped. 0 – 150rpm
- Resolution: 1rpm
- Accuracy: +/-2rpm
- Apnea Alarm Threshold: 10, 15, 20, 25, 30, 35, 40 sec.
- Sweep Speed: 6.25, 12.5, 25, 50mm/s

SpO₂ (in XM module)

- Meas. & Alarm Range: 0 – 100%
- Resolution: 1%
- Accuracy: +/-2% (70 – 100%, Adult, Pediatric); +/-3% (70 – 100%, Neo.)
- PR Range: 25 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-2bpm
- Refresh Rate: 1sec.

SpO₂ (Nellcor Oximax module, optional)

- Measurement & Alarm Range: 1 – 100%
- Resolution: 1%
- PR Range: 20 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-3bpm (depends on probe)
- Refresh Rate: 1sec.

NIBP (in XM module)

- Measurement Ranges:
 - Adult:
 - Systolic Pressure: 40 – 270mmHg
 - Diastolic Pressure: 10 – 215mmHg
 - Mean Art. Pressure: 20 – 235mmHg
 - Pediatric:
 - Systolic Pressure: 40 – 200mmHg
 - Diastolic Pressure: 10 – 50mmHg
 - Mean Art. Pressure: 20 – 165mmHg
 - Neonate:
 - Systolic Pressure: 40 – 135mmHg

- Diastolic Pressure: 10 – 100mmHg
- Mean Art. Pressure: 20 – 110mmHg
- Pulse Rate: 40 – 240bpm

NIBP (OMRON Module, optional)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult/Pediatric:
 - Systolic Pressure: 60 – 250mmHg
 - Diastolic Pressure: 40 – 200mmHg
 - Mean Art. Pressure: 45 – 235mmHg
 - Neonate:
 - Systolic Pressure: 40 – 120mmHg
 - Diastolic Pressure: 20 – 90mmHg
 - Mean Art. Pressure: 30 – 100mmHg
- Pulse Rate: ADT/PED 40 – 200bpm, NEO 40 – 240bpm
- Pressure Accuracy (SP10: 2002):
 - Max mean error: +/-5mmHg
 - Max Standard Deviation: 8mmHg

Temperature

- Measurement/Alarm Range: 0 – 50°C (32 – 122°F)
- Resolution: 0.1°C (0.1°F)
- Accuracy: +/-0.1°C (+/-0.2°F)
- Channels: 2; provides T1, T2, ΔT

IBP (optional)

- Channels: 2 or 4
- Site Labels: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measurement Range: -50 – 300mmHg
- Resolution: 1mmHg
- Accuracy: +/-2% or +/-1mmHg
- Sensitivity: 5µV/V/mmHg
- Impedance Range: 300 – 3000 Ohm

C.O. (V-CO module, optional)

- Method: Thermodilution
- Measuring Range:
 - C.O.: 0.1L/min to 20L/min
 - Tblood: 23°C – 43°C
 - Tinjectate: -1°C – 27°C

CO₂ (V-CO₂ module, optional)

- Type: Sidestream or Mainstream
- Range: 0 – 150mmHg
- Accuracy:
 - +/-2mmHg 0 – 40mmHg
 - +/-5% 41 – 70mmHg
 - +/-8% 71 – 100mmHg
 - +/-10% 101 – 150mmHg
- AwRR Range: 0 – 150rpm
- AwRR Accuracy: +/-1rpm

Anesthetic Gas/O₂ (V-AG module, optional)

- Technology: Infrared Absorption
- Paramagnetic Oxygen: optional
- Gases: CO₂, O₂, N₂O, Des, Iso, Enf, Hal, Sev with Auto Agent ID
- Warm-up time:
 - Mainstream: IRMA AX+: Iso 45s
 - Full accuracy mode: 60s
 - Sidestream: <20s
- Sample Flow Rate: 50+/-10ml/min

Power Supply

- AC Power: 100 – 240VAC, 50/60Hz
- Battery Technology: Rechargeable Li-ion
- Number of Battery: 1 (standard), 1 (optional)

Interfaces

- Analog output, Defib.Sync., Nurse Call, USB (4), VGA, DVI, RS-232, Module Rack interface (PAM), Network RJ-45

Caredo F8

Patient Monitor



F8 Specifications

Physical Specification

- Dimensions: 384 mm (L) x 213 mm (W) x 320 mm (H)
- Weight: Less than 7.5kg (with XM module)

Display

- Type: Color TFT LCD 15', touch screen
- Resolution: 1280 x 1024
- Waves Displayed: 13 max

Strip Chart Recorder (optional)

- Print speed: 12.5, 25, 50mm/s
- Traces: 3
- Record width: 48mm

ECG

- Lead Types: 12-lead (optional), 5-lead, 3-lead
- Gain: Auto, x0.125(1.25mm/mV), x0.25, x0.50, x1, x2, x4(40mm/mV)
- Sweep Speed: 6.25, 12.5, 25, 50mm/s
- ECG HR Range:
 - Adult: 15 – 300bpm Pediatric/Neonate: 15 – 350bpm
- Resolution: 1bpm
- Accuracy: +/-1bpm or +/-1%
- Bandwidth: Diagnostic Mode: 0.05 – 150Hz
- Monitoring Mode: 0.5 – 40Hz
- Surgical Mode: 1 – 20Hz
- S-T Segment Detection:
 - Measurement Range: -2.0mV – +2.0mV
 - Alarm Range: -2.0mV – +2.0mV

RESP

- Method: Trans-thoracic Impedance
- Operation Mode: Auto/Manual
- RR Measurement Range:
 - Adult: 0 – 120rpm: Neonate/Ped. 0 – 150rpm
- Resolution: 1rpm
- Accuracy: +/-2rpm
- Apnea Alarm Threshold: 10, 15, 20, 25, 30, 35, 40 sec.
- Sweep Speed: 6.25, 12.5, 25, 50mm/s

SpO₂ (in XM module)

- Meas.& Alarm Range: 0 – 100%
- Resolution: 1%
- Accuracy: +/-2% (70 – 100%, Adult, Pediatric); +/-3% (70 – 100%, Neo.)
- PR Range: 25 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-2bpm
- Refresh Rate: 1sec.

SpO₂ (Nellcor Oximax module, optional)

- Measurement & Alarm Range: 1 – 100%
- Resolution: 1%
- PR Range: 20 – 300bpm
- Resolution: 1bpm
- Accuracy: +/-3bpm (depends on probe)
- Refresh Rate: 1sec.

NIBP (in XM module)

- Measurement Ranges:
 - Adult:
 - Systolic Pressure: 40 – 270mmHg
 - Diastolic Pressure: 10 – 215mmHg
 - Mean Art. Pressure: 20 – 235mmHg
 - Pediatric:
 - Systolic Pressure: 40 – 200mmHg
 - Diastolic Pressure: 10 – 50mmHg
 - Mean Art. Pressure: 20 – 165mmHg
 - Neonate:
 - Systolic Pressure: 40 – 135mmHg

- Diastolic Pressure: 10 – 100mmHg
- Mean Art. Pressure: 20 – 110mmHg
- Pulse Rate: 40 – 240bpm

NIBP (OMRON Module, optional)

- Method: Oscillometric
- Modes: Auto, Man., Continuous
- Measurement Ranges:
 - Adult/Pediatric:
 - Systolic Pressure: 60 – 250mmHg
 - Diastolic Pressure: 40 – 200mmHg
 - Mean Art. Pressure: 45 – 235mmHg
 - Neonate:
 - Systolic Pressure: 40 – 120mmHg
 - Diastolic Pressure: 20 – 90mmHg
 - Mean Art. Pressure: 30 – 100mmHg
- Pulse Rate: ADT/PED 40 – 200bpm, NEO 40 – 240bpm
- Pressure Accuracy (SP10: 2002):
 - Max mean error: +/-5mmHg
 - Max Standard Deviation: 8mmHg

Temperature

- Measurement/Alarm Range: 0 – 50°C (32 – 122°F)
- Resolution: 0.1°C (0.1°F)
- Accuracy: +/-0.1°C (+/-0.2°F)
- Channels: 2; provides T1, T2, ΔT

IBP (optional)

- Channels: 2 or 4
- Site Labels: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measurement Range: -50 – 300mmHg
- Resolution: 1mmHg
- Accuracy: +/-2% or +/-1mmHg
- Sensitivity: 5μV/V/mmHg
- Impedance Range: 300 – 3000 Ohm

C.O. (V-CO module, optional)

- Method: Thermodilution
- Measuring Range:
 - C.O.: 0.1L/min to 20L/min
 - Tblood: 23°C – 43°C
 - Tinjectate: -1°C – 27°C

CO₂ (V-CO₂ module, optional)

- Type: Sidestream or Mainstream
- Range: 0 – 150mmHg
- Accuracy:
 - +/-2mmHg 0 – 40mmHg
 - +/-5% 41 – 70mmHg
 - +/-8% 71 – 100mmHg
 - +/-10% 101 – 150mmHg
- AwRRR Range: 0 – 150rpm
- AwRRR Accuracy: +/-1rpm

Anesthetic Gas/O₂ (V-AG module, optional)

- Technology: Infrared Absorption
- Paramagnetic Oxygen: optional
- Gases: CO₂, O₂, N₂O, Des, Iso, Enf, Hal, Sev with Auto Agent ID
- Warm-up time:
 - Mainstream: IRMA AX+: Iso 45s
 - Full accuracy mode: 60s
 - Sidestream: <20s
- Sample Flow Rate: 50+/-10ml/min

Power Supply

- AC Power: 100 – 240VAC, 50/60Hz
- Battery Technology: Rechargeable Li-ion
- Number of Battery: 1 (standard), 1 (optional)

Interfaces

- Analog output, Defib.Sync., Nurse Call, USB (4), VGA, DVI, RS-232, Module Rack interface (PAM), Network RJ-45

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