Patient Monitor – CM400PC Monitoring Module

Brief introduction

CM400 PC monitoring module can cooperate with PC to compose a set of complete patient monitoring system. Adapting the design of modularization, the device can be used as the monitor of single or multiply parameters freely. Small in size and perfect in function, this device can monitor ECG/NIBP/SpO2 for adult/ paediatric/neonate all ages of patients at the same time.

Main features

◆Applicable for adult/ paediatric/neonate all ages of patients.
◆Real-time data is showed by PC.
◆Data list and trend graph review functions.
◆The interface can be set up by your need.
◆Case and alarm data can be stored on the harddrive of PC.
◆Perfect sound and display alarm functions for parameter and technical. The upper and lower limits of alarm parameter can be adjusted according to users needs.

Performance

ECG

◆Waveform display: 3-lead/full lead
◆Gain:2.5mm/mV、5mm/mV、10mm/mV、20mm/mV.
◆HR measuring range: 15bpm~300bpm, error: the larger of ±1bpm and ±1%.
◆ECG alarm range of upper and lower limits: 15bpm～300bpm, resolution: 1bpm.
◆Input circuit current: ≤0.1μA.
◆Enduring polarization voltage: adding ±300mV DC polarization voltage, the variation range of sensitivity is 5%.
◆CMRR: filtering mode (monitor /surgery)≥80dB.
◆Amplitude frequency characteristic: 1～75Hz (+0.4dB,-3dB).
◆Low frequency characteristic: time constant≥3.2s.
◆ECG analysis: heart rate, arrhythmia analysis, ST analysis.

◆ST analysis range:-2.0mV~2.0mV.

NIBP

◆Measuring method: oscillometry method.

◆Measuring mode: manual/automatic/continuous.

◆Interval of automatic measurement: adjustable among 1~90 min.

◆Resolution: 1mmHg.

◆Measuring precision: maximal average deviation is no more than±5mmHg and maximal standard deviation is no more than 8mmHg.

◆Self-checking function.

◆Overpressure protection: both software and hardware double overvoltage protection.

1.Measuring range.

Adult:

Systolic pressure: 40mmHg～270mmHg

Average pressure: 20mmHg～235mmHg

Diastolic pressure: 10mmHg～215mmHg

Paediatric:

Systolic pressure: 40mmHg～200mmHg

Average pressure: 20mmHg～165mmHg

Diastolic pressure: 10mmHg～150mmHg

Neonate:

Systolic pressure: 40mmHg～135mmHg

Average pressure: 20mmHg～110mmHg

Diastolic pressure: 10mmHg～100mmHg

2.Alarm upper and lower limits

Adult:

Systolic pressure: 40mmHg～270mmHg

Average pressure: 20mmHg～235mmHg

Diastolic pressure: 10mmHg～215mmHg

Paediatric:

Systolic pressure: 40mmHg～200mmHg

Average pressure: 20mmHg～165mmHg

Diastolic pressure: 10mmHg～150mmHg

Neonate:

Systolic pressure: 40mmHg～135mmHg

Average pressure: 20mmHg～110mmHg

Diastolic pressure: 10mmHg～100mmHg.

Interval of automatic measurement:

1/2/3/4/ 5/10/15/30/60/90min, error is less than 10s.

SpO2

◆Continuous and real-time measurement.

◆Digital SpO2 technology, capable to resist movement interference.

◆Real-time display of multi-function, such as SpO2 saturation, pulse rate (PR), SpO2 plethysmogram wave and bar, SpO2 pulse rate trend, and so on.
◆The trend graph has the function of self-adapting zoom.
◆A finger probe for adult is a standard accessory, and a finger probe for neonate is optional.
1. SpO2 saturation
Measuring range: 0%～100%. The measuring result is showed among 70%～100%, no define for 0%～70%.
Precision: ±2%
2.PR
Measuring range:0bpm～250bpm (the resolution is 1bpm).
Precision: the larger of ±2bpm and ±2%.
3. Error in the weak perfusion: when the pulse filling degree is 0.4%, both SpO2 saturation and PR can be showed accurately. The error of SpO2 saturation is ±4%, and the error of PR is the larger of ±2bpm and ±2%.
4. Ability to resist the interference of ambient light: the deviation between the measuring values in the condition of the natural light indoor or existing illuminated light sources and in the darkroom is less than ±1%.

Standard accessories

Power adapter(1)
USB data line(1)
ECG lead wire(1)
SpO2 probe(1)
NIBP cuff for adult(1)

Physical characteristic

Size:189mm(L)×125mm(W)×41mm(H)
Weight:0.5 kg

Patient Monitor – HMS6500 Multi-Parameter Vital Signs Monitor (Self-Examination Machine)

Introduction

HMS6500 is a portable self-examination machine with touch screen. Lightly touch corresponding icons, ECG, Blood pressure, SpO2, PR, TEMP. Blood glucose can be measured and measured data can be transmitted to experts via network for further analysis, which is convenient for user consulting. At the same time, data also can be uploaded to data center for user viewing data and ECG within 10 seconds. Furthermore, user with gold and silver card can obtain professional opinion of examination data from different experts. User registered with telephone number can receive the messages after examination.

Features

■Display mode: 7'' colour LCD with high-resolution.
■Simple and shortcut for operating with touch screen.
■Waveform and data colour can be set optionally.
■7-lead ECG display (optional: 12-lead)
■Adopt digital SpO2 technology, which has strong anti-interference and anti-weak filling capability.
■User data terminal of PHMS health management system.
■ECG, Blood pressure, SpO2, PR, TEMP, Blood glucose within one minute can be measured.
■Measured data can be uploaded to PHMS data management centre.
■Select different experts for consultation.
■Network connection mode: 3G, Wi-Fi, wired.
■Built-in rechargeable lithium battery for uninterrupted monitoring.
■Standard parameters of ECG, SpO2, Blood pressure, TEMP and PR.
■Optional parameter: Blood glucose.

Performance:

■**ECG**
Lead Mode: 5-lead
Gain: ×1
Lead Selection: I, II, III, avR, avL, avF, V

Wave: 7-channel
ECG Measuring Range: 15~300bpm
Display Error: ±1% or ±1bpm(which is greater)
Resolution: 1bpm
Scan Speed for Waveform: 5mm/s

■SpO2

Measuring Range: 0 ~ 100 %
Resolution: 1 %
Accuracy: 70% ~ 100% ±2% 0% ~ 69% unspecified

■Pulse Rate(PR)

Measuring and Alarm Range 0~250bpm
Resolution 1bpm
Measuring Accuracy or ±2%,which is greater

■Blood pressure

Method: Oscillometry
Mode: Manual
Measuring Range: 10~270mmHg
Resolution: 1mmHg
Accuracy: ±10% or ±8mmHg, which is greater
Over-pressure Protection Adult Mode: 315±10 mmHg

■TEMP

Channel: single channel
Measuring and Alarm Range: 0 ~ 50C
Resolution: 0.1C
Accuracy: 0.1C

■Blood glucose

Sample capillary whole blood
Sample Type for Calibration vein plasma
Blood Size: About 3ul
Test Range: 2.2mmol/L~27.8mmol/L(40mg/dL~500mg/dL)
Test Time: 25 seconds
Calibration Curve automatically select test curve by the correction number
Memory: 220 results

■Physical Characteristic:

Dimension 190×160×240 mm
Net Weight 2.1 Kg

Accessories:

Integration extension cable(5-pin)
Adult fingertip SpO2 probe(DB9)
Adult NIBP Cuff
Air pipe for NIBP
Suction ball for Limb clamp (European standard)
ECG 5-lead wire: AIP0336 (European standard)
ECG 5-lead wire: AIP0210 (European standard)
Temperature probe
Power cord

Power adapter
Blood Glucose Meter (optional)
10-lead wire for monitoring (optional)
10-lead suction ball for dynamic ECG (optional)
ECG electrode
Blood Glucose Test Strip (optional)
USB wireless network card
3G wireless network card (optional)
User Manual

Patient Monitor – HMS9800 Multi-Parameter Vital Signs Monitor

Introduction:

HMS9800 is a portable and intellectualized self-examination machine, simple in operating and fashion in appearance. ECG, Blood pressure, SpO2, TEMP, Blood glucose, height and weight can be measured within one second, and measured data can be transmitted to experts via network for further analysis, which is convenient for user consulting. At the same time, data also can be uploaded to data centre for user viewing data and ECG within 10 seconds. Furthermore, user with gold and silver card can obtain professional opinion of examination data from different experts. User registered with telephone number can receive the messages after examination.

Features:

■Display mode: 17'' colour LCD with high-resolution.
■7-lead ECG display and one-channel SpO2 display.
■Adopt digital SpO2 technology, which has strong anti-interference and anti-weak filling capability.
■Only be suitable for adult.
■User data terminal of PHMS health management system.
■ECG, Blood pressure, SpO2, PR, TEMP, Blood glucose, weight and height within one minute can be measured.
■Measured data can be uploaded to PHMS data management center.
■Select different experts for consultation.
■Network connection mode: 3G.
■Standard parameters of ECG, SpO2, Blood pressure, TEMP, blood glucose and weight.

Performance:

■ECG

Lead Mode 5-lead
Gain ×1
Lead Selection I, II, III, avR, avL, avF, V
Wave 7-channel
ECG Measuring Range 15~300bpm
Display Error ±1% or ±1bpm(which is greater)
Resolution 1bpm
Scan Speed for Waveform 25mm/s

■SpO2

Waveform one-channel
Measuring Range 0 ~ 100 %
Resolution 1 %
Accuracy
70% ~ 100% ±2%
0% ~ 69% unspecified

■Blood pressure

Method Oscillometry
Mode Manual
Measuring Range 10~270mmHg
Resolution 1mmHg
Accuracy ±10% or ±8mmHg, which is greater
Over-pressure Protection Adult Mode: 315±10 mmHg

■TEMP

Channel single channel
Measuring and Alarm Range 0 ~ 50C
Resolution 0.1C
Accuracy 0.1C

■Blood glucose

Sample apillary whole blood
Sample Type for Calibration vein plasma
Blood Size about 3ul
Test Range 2.2mmol/L~27.8mmol/L(40mg/dL~500mg/dL)
Test Time 25 seconds
Calibration Curve automatically select test curve by the correction number
Memory 220 results

■Weight

Measuring range 0KG~150KG, accuracy: 0.1KG

■Height

Measuring range 0CM~210CM, accuracy: <0.5CM

■Physical Characteristic:

Dimension 108×52×250
Net Weight 48 Kg

Accessories:

Adult fingertip SpO2 probe
Adult NIBP Cuff
Air pipe for NIBP
Suction ball for Limb clamp (European standard)
ECG 5-lead wire (European standard)
Temperature probe
Power cord
Power adapter
Blood Glucose Meter
Blood Glucose Test Strip
3G wireless network card
User Manual

Patient Monitor – CMS9200 Patient Monitor

Introduction:

CMS9200 features in high cost-performance, high safety and low power consumption. To ensure monitoring quality and reduce operation risk, it adopts full-isolation (floating), ECG defibrillation-proof protection, ECG anti-high frequency surgical unit and NIBP dual-overpressure protection.

Features:

■Display mode: 15'' colour TFT LCD with high-resolution.
■Be applicable for adult, paediatric and neonatal for all-round monitoring.
■Operation interface with Chinese and English.
■Waveform and data can be set optionally.
■Storage of 72-hour trend data, and review of 40-second holographic waveform.
■Full-lead ECG display.
■7-lead ECG displays in a screen, and ECG waveforms series display.
■Anti-high frequency surgical unit, defibrillation-proof(requirement for special leads).
■Adopt digital SpO2 technology, which has strong anti-interference and anti-weak filling capability.
■Function of NIBP review, storage for up to 400 NIBP data.
■Network: connecting with central station, other Bed observation and software updating.
■Network connection mode: wireless and wired.
■Built-in rechargeable battery for uninterrupted monitoring.
■Standard parameters of ECG, RESP, NIBP, SpO2, TEMP and PR.
■Built-in printer(optional).
■Standard parameters of ECG, RESP, NIBP, SpO2, and TEMP.
■IBP, CO2 and thermal printer are optional.

Performance:

■**ECG**

Lead Mode	3-lead and 5-lead are optional
Lead Selection	I, II, III, avR, avL, avF, V
Wave	5-lead: 2 channels 3-lead: 1channel
Gain	×0.25, ×0.5, ×1, ×2

HR Measuring and Alarm Range
Range 15 ~ 300 bpm
Accuracy ±1% or ±1bpm, which is greater
Alarm Accuracy ±2bpm
Resolution 1 bpm
■ST Segment Monitoring
Measuring and Alarm Range -0.6 mV~ + 0.8 mV
■ARR
ARR Detecting Type ASYSTOLE, VFIB/VTAC, COUPLET, BIGEMINY, TRIGEMINY, R ON T, VT>2, PVC, TACHY, BRADY, MISSED BEATS, PNP, PNC
Alarm Available
Review Available
Scan Speed for ECG Waveform 12.5mm/s, 25mm/s, 50mm/s
■Respiration (RESP)
Method R-F(RA-LL) Impedance
Measuring and Alarm Range for Resp. Rate:
Adult 0~120rpm
Paediatric and Neonatal 0~150rpm
Resolution 1 rpm
Measuring Accuracy 2 rpm
Apnea Alarm 10 ~ 40 S
■SpO2
Measuring and Alarm Range 0 ~ 100 %
Resolution 1 %
Accuracy: 70% ~ 100% ±2%
0% ~ 69% unspecified
■PR
Measuring and Alarm Range 0~250bpm
Resolution 1bpm
Measuring Accuracy ±2bpm or ±2%, which is greater
Alarm Accuracy ±2bpm
■NIBP
Method Oscillometry
Mode Manual, Auto, continuous
Measuring Interval in AUTO Mode 1 /2 /3 /4 /5/ 10/ 15/ 30 /60 /90 Min
Measuring Period in Continuous Mode 5 Min
Measuring and Alarm Range 10~270mmHg
Resolution 1 mmHg
Accuracy ±10% or ±8mmHg, which is greater
Over-pressure Protection:
Adult Mode 315±10 mmHg
Paediatric Mode 265±10 mmHg
Neonatal Mode 155±10 mmHg
■TEMP
Channel dual-channel
Measuring and Alarm Range 0 ~ 50C

Resolution 0.1C
Accuracy ±0.1C
Optional

■**EtCO2**

Method Side stream or Mainstream Measuring Range for CO2 0~150mmHg
Resolution for CO2:
0.1 mm Hg 0 to 69 mm Hg
0.25 mm Hg 70 to 150 mm Hg
Accuracy for CO2:
0 – 40 mm Hg ±2 mm Hg
41 – 70 mm Hg ±5%
71 – 100 mm Hg ±8%
101 – 150 mm Hg ±10%
Respiration Rate>80BPM ±12%
AwRR Range 2~150 rpm
AwRR Accuracy ±1BPM
Apnea Alarm Available

■**IBP**

Channel dual-channel
Label ART, PA, CVP, RAP, LAP, ICP, P1, P2
Measuring and Alarm Range -50~350 mm Hg
Resolution 1 mm Hg
Accuracy ±2% or 1mm Hg, which is greater

■**Recorder**

Print Mode thermal array
Recording Width 48mm
Paper Speed 25mm/s, 50mm/s
Quantity of Printing Waveform dual-channel

■**Physical Characteristic:**

Dimension 365 x 150 x 340 (mm)
Net Weight 4.0Kg

Accessories:

■Adult SpO2 probe(5-pin)
■Adult NIBP cuff
■Extending tube for NIBP
■ECG lead
■ECG electrode
■Temperature probe
■IBP sensor(optional)
■IBP integration module(optional)
■IBP cable(optional)
■CO2 module(optional)
■CO2 collection pipe(optional)
■Power cord
■User Manual

Patient Monitor – CMS7000PLUS Patient Monitor

Introduction

This equipment with touch screen can monitor such parameters as ECG, RESP, SpO2, NIBP, and Dual- channel TEMP. It integrates parameter measuring module, display and recorder in one device to form a compact and portable device. At the same time, its built-in replaceable battery provides convenience for patient moving.

Features

■Elegant appearance, clear marks, standard interface, oxyCRG SCREEN, trend graph, big characters, other BED observation, which are convenient for user.
■Be applicable for adult, paediatric and neonatal.
■Standard parameters of ECG, RESP, NIBP, SpO2 and dual-channel TEMP. IBP, CO2, built-in printer, curving handle, moving bracket and hanging bracket are optional.
■Finish all operations by touch screen or keys and knobs.
■Operation interface with Chinese and English. (Optional languages: French, German, Italian, Dutch, Portuguese, Turkish, Spanish, Polish) design with full built-in module, stable and reliable performance.
■12.1'' colour TFT LCD with high-resolution displays patient parameter and waveform, and alarm, bed NO, clock, state and other information provided by the monitor synchronously.
■Monitoring contents, scan speed, volume and output contents can be set optionally.
■Storage of 480-hour trend data, and review of 40-second holographic waveform.
■Storage and review of 72-hour ECG waveform.
■Function of NIBP review, storage for up to 2400 NIBP data.
■Adopt digital SpO2 technology, which has strong anti-interference and anti-weak filling capability.
■Calculation of drug concentration.
■Network: connecting with central station, other Bed observation and software updating. Connection mode: wireless and wired.
■Built-in rechargeable battery for uninterrupted monitoring.
■Print ECG, SpO2, RESP, BP and temperature data with one-key.

Performance:

ECG

Lead Mode 3-lead and 5-lead are optional
Lead Selection I, II, III, avR, avL, avF, V
Wave 5-lead: 2 channels
3-lead: 1channel
Gain ×2.5mm/mV, ×5.0mm/mV, ×10mm/mV, ×20mm/mV

HR Measuring and Alarm Range

Range 15 ~ 300 bpm
Accuracy ±1% or ±1bpm, which is greater
Alarm Accuracy ±2bpm
Resolution 1 bpm
CMRR
Monitor ≥ 100 dB
Surgery ≥ 100 dB
Diagnosis ≥ 60 dB

Bandwidth

Surgery 1 ~ 20 Hz(+0.4dB,-3dB)
Monitor 0.5 ~ 40 Hz(+0.4dB,-3dB)
Diagnosis 0.05~75Hz(+0.4dB,-3dB); 76Hz~150Hz(+0.4dB,-4.5dB)
Calibration Signal 1 mV (Vp-p), 5% Accuracy

ST Segment Monitoring

Measuring and alarm Range -0.6 mV~ + 0.8 mV

ARR

ARR Detecting Type ASYSTOLE, VFIB/VTAC, COUPLET, BIGEMINY, TRIGEMINY, R ON T, VT>2, PVC, TACHY, BRADY, MISSED BEATS, PNP, PNC
Alarm Available
Review Available
Scan Speed for ECG Waveform is adjustable:
12.5mm/s accuracy ±10%
25mm/s accuracy±10%
50mm/s accuracy±10%

Respiration

Method R-F(RA-LL) Impedance
Differential Input Impedance >2.5 MΩ
Measuring Impedance Range 0.3~5.0Ω
Baseline Impedance Range 100Ω~ 2500Ω
Bandwidth 0.3 ~ 2.5 Hz

Resp. Rate

Measuring and Alarm Range 0~120rpm
Resolution 1 rpm
Measuring Accuracy 2 rpm
Alarm accuracy ±3rpm
Apnea Alarm 10 ~ 40 S

NIBP

Method Oscillometry

Mode Manual, Auto, Continuous
Measuring Interval in AUTO Mode 1~90 Min
Measuring Period in Continuous Mode 5 Min
Measuring and Alarm Range 10~270mmHg
Alarm Type SYS, DIA, MEAN
Resolution:
Pressure 1mmHg
Cuff pressure ±3 mmHg
Accuracy ±10% or ±8mmHg, which is greater
Over-pressure Protection:
Adult Mode 315±10 mmHg
Paediatric Mode 265±10 mmHg
Neonatal Mode 155±10 mmHg

SpO2

Measuring Range 0 ~ 100 %
Alarm Range 0 ~ 100 %
Resolution 1 %
Accuracy 70% ~ 100% ±2%
0% ~ 69% unspecified

Pulse Rate(PR)

Measuring and Alarm Range 0~250bpm
Resolution 1bpm
Measuring Accuracy ±2bpm or ±2%, which is greater
Alarm Accuracy ±2bpm

TEMP

Channel dual-channel
Measuring and Alarm Range 0 ~ 50C
Resolution 0.1C
Accuracy 0.1C
Actualization Interval about 1 Sec.
Average Time Constant < 10 Sec.
Alarm responding Time ≤2min

EtCO2

Method Side stream or Main stream
Measuring Range for CO2 0~150mmHg
Resolution for CO2:
0.1 mm Hg 0 to 69 mm Hg
0.25 mm Hg 70 to 150 mm Hg
Accuracy for CO2:
0 – 40 mm Hg ±2 mm Hg
41 – 70 mm Hg ±5%
71 – 100 mm Hg ±8%
101 – 150 mm Hg ±10%
Respiration Rate>80BPM ±12%AwRR
Range 2~150 rpm
AwRR Accuracy ±1BPM
Apnea Alarm Available

■IBP
Channel dual-channel
Label ART, PA, CVP, RAP, LAP, ICP, P1, P2
Measuring and Alarm Range -50~350 mm Hg
Resolution 1 mm Hg
■Accuracy ±2% or 1mm Hg, which is greater
■Display Mode 12.1" colour TFT LCD with high-resolution
■Power Supply 220V, 50Hz
■Safety Classification class Ⅰ, type CF defibrillation-proof part
■Physical Characteristic:
Dimension 310×140×263(mm)
Net weight 3.8Kg
Accessories:
CMS7000PLUS Patient Monitor
Introduction:
This equipment with touch screen can monitor such parameters as ECG, RESP, SpO2, NIBP, and Dual- channel TEMP. It integrates parameter measuring module, display and recorder in one device to form a compact and portable device. At the same time, its built-in replaceable battery provides convenience for patient moving.
Features:
■Elegant appearance, clear marks, standard interface, oxyCRG SCREEN, trend graph, big characters, other BED observation, which are convenient for user.
■Be applicable for adult, pediatric and neonatal.
■Standard parameters of ECG, RESP, NIBP, SpO2 and dual-channel TEMP. IBP, CO2, built-in printer, curving handle, moving bracket and hanging bracket are optional.
■Finish all operations by touch screen or keys and knobs.
■Operation interface with Chinese and English. (Optional languages: French, German, Italian, Dutch, Portuguese, Turkish, Spanish, Poland.) design with full built-in module, stable and reliable performance.
■12.1'' colour TFT LCD with high-resolution displays patient parameter and waveform, and alarm, bed NO, clock, state and other information provided by the monitor synchronously.
■Monitoring contents, scan speed, volume and output contents can be set optionally.
■Storage of 480-hour trend data, and review of 40-second holographic waveform.
■Storage and review of 72-hour ECG waveform.
■Function of NIBP review, storage for up to 2400 NIBP data.
■Adopt digital SpO2 technology, which has strong anti-interference and anti-weak filling capability.
■Calculation of drug concentration.
■Network: connecting with central station, other Bed observation and software updating. Connection mode: wireless and wired.
■Built-in rechargeable battery for uninterrupted monitoring.

■Print ECG, SpO2, RESP, BP and temperature data with one-key.
Performance:
ECG
Lead Mode 3-lead and 5-lead are optional
Lead Selection I, II, III, avR, avL, avF, V
Wave 5-lead: 2 channels
3-lead: 1channel
Gain ×2.5mm/mV, ×5.0mm/mV, ×10mm/mV, ×20mm/mV
HR Measuring and Alarm Range
Range 15 ~ 300 bpm
Accuracy ±1% or ±1bpm, which is greater
Alarm Accuracy ±2bpm
Resolution 1 bpm
CMRR
Monitor ≥ 100 dB
Surgery ≥ 100 dB
Diagnosis ≥ 60 dB
Bandwidth
Surgery 1 ~ 20 Hz(+0.4dB,-3dB)
Monitor 0.5 ~ 40 Hz(+0.4dB,-3dB)
Diagnosis 0.05~75Hz(+0.4dB,-3dB); 76Hz~150Hz(+0.4dB,-4.5dB)
Calibration Signal 1 mV (Vp-p), 5% Accuracy
ST Segment Monitoring
Measuring and alarm Range -0.6 mV~ + 0.8 mV
ARR
ARR Detecting Type ASYSTOLE, VFIB/VTAC, COUPLET, BIGEMINY, TRIGEMINY, R ON T, VT>2, PVC, TACHY, BRADY, MISSED BEATS, PNP, PNC
Alarm Available
Review Available
Scan Speed for ECG Waveform is adjustable:
12.5mm/s accuracy ±10%
25mm/s accuracy±10%
50mm/s accuracy±10%
Respiration
Method R-F(RA-LL) Impedance
Differential Input Impedance >2.5 MΩ
Measuring Impedance Range 0.3~5.0Ω
Baseline Impedance Range 100Ω~ 2500Ω
Bandwidth 0.3 ~ 2.5 Hz
Resp. Rate
Measuring and Alarm Range 0~120rpm
Resolution 1 rpm
Measuring Accuracy 2 rpm
Alarm accuracy ±3rpm
Apnea Alarm 10 ~ 40 S
NIBP

Method Oscillometry
Mode Manual, Auto, Continuous
Measuring Interval in AUTO Mode 1~90 Min
Measuring Period in Continuous Mode 5 Min
Measuring and Alarm Range 10~270mmHg
Alarm Type SYS, DIA, MEAN
Resolution:
Pressure 1mmHg
Cuff pressure ±3 mmHg
Accuracy ±10% or ±8mmHg, which is greater
Over-pressure Protection:
Adult Mode 315±10 mmHg
Pediatric Mode 265±10 mmHg
Neonatal Mode 155±10 mmHg
SpO2
Measuring Range 0 ~ 100 %
Alarm Range 0 ~ 100 %
Resolution 1 %
Accuracy 70% ~ 100% ±2%
0% ~ 69% unspecified
Pulse Rate(PR)
Measuring and Alarm Range 0~250bpm
Resolution 1bpm
Measuring Accuracy ±2bpm or ±2%, which is greater
Alarm Accuracy ±2bpm
TEMP
Channel dual-channel
Measuring and Alarm Range 0 ~ 50C
Resolution 0.1C
Accuracy 0.1C
Actualization Interval about 1 Sec.
Average Time Constant < 10 Sec.
Alarm responding Time ≤2min
EtCO2
Method Side stream or Main stream
Measuring Range for CO2 0~150mmHg
Resolution for CO2:
0.1 mm Hg 0 to 69 mm Hg
0.25 mm Hg 70 to 150 mm Hg
Accuracy for CO2:
0 – 40 mm Hg ±2 mm Hg
41 – 70 mm Hg ±5%
71 – 100 mm Hg ±8%
101 – 150 mm Hg ±10%
Respiration Rate>80BPM ±12%AwRR
Range 2~150 rpm
AwRR Accuracy ±1BPM

Apnea Alarm Available
■IBP
Channel dual-channel
Label ART, PA, CVP, RAP, LAP, ICP, P1, P2
Measuring and Alarm Range -50~350 mm Hg
Resolution 1 mm Hg
■Accuracy ±2% or 1mm Hg, which is greater
■Display Mode 12.1" color TFT LCD with high-resolution
■Power Supply 220V, 50Hz
■Safety Classification class Ⅰ, type CF defibrillation-proof part
■Physical Characteristic:
Dimension 310×140×263(mm)
Net weight 3.8Kg

Accessories

■Adult SpO2 probe(5-pin)
■Adult NIBP cuff
■Extending tube for blood pressure
■ECG lead
■ECG electrode
■Temperature probe
■Power cord
■Thermal recording paper(optional)
■User Manual Adult SpO2 probe(5-pin)
■Adult NIBP cuff
■Extending tube for blood pressure
■ECG lead
■ECG electrode
■Temperature probe
■Power cord
■Thermal recording paper(optional)
■User Manual

Patient Monitor – CMS5100 Patient Monitor

CMS5100 Patient Monitor adopts Oscillometry for NIBP measuring, Photoelectric Oxyhemoglobin Inspection Technology combining Capacity Pulse Scanning & Recording Technology for SpO2 measuring. Systolic Pressure(SYS), Diastolic Pressure(DIA), Mean Pressure(MAP), SpO2 and Pulse rate(PR) can be accurately measured.
Compact appearance, comprehensive functions, simple and convenient operation, which is applicable for hospitals, community medical treatment and family.

Features

■Be applicable for adult, paediatric and neonatal for all-round monitoring, easy operation and high cost performance.
■Be applicable for medicine, surgery, operating room, ICU/CCU, emergency room, obstetrics and gynaecology, paediatrics.
Built-in rechargeable Li-polymer battery for uninterrupted monitoring.
■Compact and flexible appearance, easy for carrying and be suitable for indoor and outdoor(in ambulance) monitoring.
■With user-friendly interface.
■Display with 2.8'' (320×240) colour TFT LCD and red and yellow highlight LED.
■Visual and audible alarm for Systolic Pressure(SYS), Diastolic Pressure(DIA), Mean Pressure(MAP), SpO2 and Pulse rate(PR), and upper and lower limit of alarm can be set.
■Unique Flash memory, storage for up to 2000 NIBP data and 30000 SpO2 data.
■Convenient and quick in inquiring measurement data, review for NIBP trend graph within 24-hour and SpO2 and Pulse rate(PR) trend graph within 20-hour.

Performance

NIBP monitoring

■Measurement method: Oscillometry
■Measurement mode: manual/auto/continuous.

■Auto measurement interval: adjustable from 1 to 90 minutes.
■Resolution: 1mmHg.
■Accuracy: Maximum Mean deviation≤±5mmHg, Maximum Standard deviation≤8mmHg.
■Self-check function.
■Overpressure protection: double protection for software and hardware.

Range

Adult:
Systolic pressure: 40mmHg~270mmHg
Mean pressure: 20mmHg~235mmHg
Diastolic Pressure: 10mmHg~215mmHg

Paediatric:
Systolic pressure: 40mmHg~200mmHg
Mean pressure: 20mmHg~165mmHg
Diastolic Pressure: 10mmHg~150mmHg

Neonatal:
Systolic pressure: 40mmHg~135mmHg
Mean pressure: 20mmHg~110mmHg
Diastolic Pressure: 10mmHg~100mmHg

Upper and lower limit of alarm

Adult:
Systolic pressure: 40mmHg~270mmHg
Mean pressure: 20mmHg~235mmHg
Diastolic Pressure: 10mmHg~215mmHg

Paediatric:
Systolic pressure: 40mmHg~200mmHg
Mean pressure: 20mmHg~165mmHg
Diastolic Pressure: 10mmHg~150mmHg

Neonatal:
Systolic pressure: 40mmHg~135mmHg
Mean pressure: 20mmHg~110mmHg
Diastolic Pressure: 10mmHg~100mmHg

SpO2 monitoring

Continuous real-time measuring.
Adopt digital SpO2 technology, which has strong anti-interference capability.
Real-time display SpO2, pulse rate, SpO2 Plethysmogram, bar graph, SpO2 and Pulse rate(PR) trend graph.
Standard finger-clip probe for adult , binding probe for neonatal is optional.

SpO2 Measuring

Range: 35%~100% (Resolution: 1%)
Accuracy: ±2% in stage of 70%-100%, and unspecified in stage of less than 70%.

Pulse Rate Measuring

Range: 30bpm~250bpm(Resolution: 1bpm)
Accuracy: ±2bpm or ±2%, whichever is greater.

Measurement Performance in Weak Filling Condition: SpO2 and pulse rate can be shown
correctly when pulse-filling ratio is 0.4%, SpO2 error is ±4%; the Pulse rate error is ±2bpm or ±2%, whichever is greater.
Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
Accessories
A power cord
A power adapter
A SpO2 probe
An adult NIBP cuff
An extending tube for blood pressure
Physical characteristic
Dimension for product: 190(L)×162(W)×240(H)mm
Weight: 1.6kg
Dimension for packaging: 402(L)×228(W)×320(H)mm

Patient Monitor – CMS70A Pulse Oximeter

Instructions

Principle of the CMS70A Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology, the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

冨 』 Operation of the product is simple ,low power consumption
冨 』 SpO2 value display
冨 』 Pulse rate value display, bar graph display
冨 』 PI display
冨 』 Pulse waveform display
冨 』 Menu operation
冨 』 Screen brightness can be changed
冨 』 The display mode can be changed
冨 』 Pulse rate sound indication can be turned on or turned off
冨 』 With measured data overruns limits and low-voltage alarm function the upper/down alarm range can be adjustable
冨 』 Battery capacity indication
冨 』 Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage and with alarm function
冨 』 Connected with an external oximeter probe
冨 』 Data storage function and the storage data can be uploaded to computer
冨 』 Real-time data can be transmitted to computers

Main performance
冨 』 Display Mode TFT Screen and LED display
冨 』 Screen Resolution 320*240

冨〗SpO2 Measuring Range：0%°100%, (the resolution is 1%).
冨〗Accuracy：70%°100%：§2%, Below 70% unspecified.
冨〗PR Measuring Range：30bpm°250bpm, (the resolution is 1bpm)
冨〗Accuracy：§2bpm or □2% (select larger)
冨〗 Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is □4%, pulse rate error is □2 bpm or □2% (select larger).
冨〗Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than □1%.
冨〗Power Consumption About 200mA
冨〗Voltage: DC 3.6 ~ 4.2V
冨〗Power Supply: Built-in recharge Li-Polymer
冨〗Battery working hour: 9 hours
冨〗Safety Type: Interior Battery BF Type

Accessories
Sell in standard
冨〗A user manual
冨〗A rechargeable lithium battery
冨〗A power wire
冨〗A data line
冨〗An oximeter probe
冨〗A disk (PC software)
Sell in addition
Other oximeter probe(Refer to probe application instruction for details and notice renewal)

Physical Identity
Dimension: 269(W) x 222(H) x 79(D)mm
Weight: About 1Kg

Patient Monitor – CMS60D Vet Pulse Oximeter

Instructions

Principle of the CMS60D-Vet Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology. The Veterinary Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through animal's tongue or ear and so on. The product is suitable for being used in family and pet hospital etc. (It is recommended to use the device when the animal is still.)

Major Features

◆Small in volume, light in weight and convenient in carrying
◆Operation of the product is simple ,low power consumption
◆Operation menu for the function setting
◆SpO2 value display
◆Pulse rate value display, bar graph display
◆Pulse waveform display
◆Screen brightness can be changed
◆Pulse rate sound indication
◆With review function
◆With clock function
◆With measured data overruns limits and low-voltage alarm function
◆Battery capacity indication
◆Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage ,and with alarm function
◆With SpO2 value and pulse rate value of storage, the storage data can be uploaded to computers
◆Real-time data can be transmitted to computers
◆Connected with an external oximeter probe
◆Wireless communication function · CMS60DW-Vet ·

Main performance
◆Display Mode：1.8" Colour OLED display
◆Screen Resolution：160*128
◆SpO2 Measuring Range：0%°100%, (the resolution is 1%).
◆Accuracy：70%°100%：§2% , Below 70% unspecified.
◆PR Measuring Range：30bpm°250bpm, (the resolution is 1bpm)
◆Accuracy：§2bpm or □2% (select larger)
◆Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is □4%, pulse rate error is □2 bpm or □2% (select larger).
◆Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than □1%.
◆Power Consumption: less than 100mA
◆Voltage: DC 2.6V~3.6V
◆Power Supply: Dry battery (2AA)
◆Battery working hour: Theoretical number is 44 hours.
◆Safety Type: Interior Battery 靡 BF Type

Accessories
Sell in standard
◆A user manual
◆A data line
◆A disk (PC software)
◆An oximeter probe for animal 昦 S5R150_vet 蘴

Physical Identity
Dimension:110(L) □ 60(W) □ 23(H) mm
Weight: About 180g (with Dry battery(2AA))

Patient Monitor – CMS60A1 Patient Monitor

Instructions

Principle of the PM60A1 Patient Monitor is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology, the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆Small in volume, light in weight and convenient in carrying∪
◆Operation of the product is simple ,low power consumption∪
◆SpO2 value display∪
◆Pulse rate value display, bar graph display∪
◆Pulse waveform display∪
◆The display mode can be changed∪
◆With backlight and changeable backlight-time∪
◆A pulse rate sound indication∪
◆Alarm function: bases the Upper/Down alarm Range, have three classes voice and photosensitive alarm∪
◆With clock function∪
◆Full screen touch operation∪
◆Big capacity SD card case storage(almost 10000 cases)∪
◆Battery capacity indication∪
◆Low-voltage∪ indication: low-voltage indicator appears before working abnormally which is due to low-voltage and with alarm function
◆Connected with an external oximeter probe∪
◆Trend Review Graph/Table: Resolution from 1s, 5s, 10s, 30s, 1min, and so on. Store latest 96 hours trend data∪
◆Alarm: Adjustable∪ High and Low limits. Three level audible and visual alarm , latest 50 alarm information and waveform displays 8 seconds which 4 seconds are before a certain time when the alarm is turned on and 4 seconds are after appointed time when the alarm is turned on
◆Wave Review: Store latest 24 hours waveform of the current real-time monitoring patient.∪
◆Upload data: Data stored in SD card can be uploaded to computer and analyzed by software∪
◆"SpO2 Assistant".∪
◆Wireless communication function（PM60A1W）∪

Main performance
◆Display Mode：3.5 inch TFT color display;υ
◆Screen Resolution：320*240υ
◆SpO2 Measuring Range：0%～100%, (the resolution is 1%).υ
◆Accuracy：70%～100%：±2% ,Below 70% unspecified.υ
◆PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)υ
◆Accuracy：±2bpm or ±2% (select larger)υ
◆Measurementυ Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆Resistance toυ surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
◆Power Consumption: less than 300mAυ
◆Voltage: DC 5.0Vυ
◆Power Supply: Built-in recharge Li-Polymer υ
◆Battery working hour:9 hoursυ
◆Safety Type: Interior Battery, BF Typeυ

Accessories
Sell in standard
◆a user manualυ
◆a USB data lineυ
◆A power adapter（Model:CMS0105）υ
◆a disk (PC software + a user manual)υ
◆An oximeter probeυ
Sell in addition
Other oximeter probe (Refer to probe application instruction for details and notice renewal)

Physical Identity
Dimension: 130(L)x73(W)x25(H)mm
Weight: About172g(with battery)

PM60A1


Patient Monitor – CMS-RS01: Respiration Sleep Monitor

Features:

The device is applied for the suffers with such diseases as SAS, OSAHS, COPD, ARDS and vascular diseases, also for the persons over 60 years .It can be used in hospital or at home.

■SpO2
Measuring range: 35%～100%
Accuracy: 70%~100% ,±2% ；<70% unspecified

■Pulse Rate
Measuring range: 30bpm～250bpm
Accuracy: ±2 bpm or ±2%(select larger)

■Nose air flow measure
Measuring range:8rpm～40rpm
Accuracy: ±2rpm

Features:

■Wrist-equipment, tiny and light
■Convenient operation
■Display of SpO2 ,pulse rate ,pulse waveform and nose flow waveform
■Alarms for low-power, finger-out and exceeding limits
■Adjustable screen brightness
■Real-time clock
■Time power on/off and manual power on/off
■TF card multi-case record
■Data uploaded by internal card reader
■PC analysis software

Specifications:

■Power Supply : ONE 3.7V Lithium Battery
■Display : 1.8" colour OLED
■Dimension:69mm(L)× 50mm(W)×17.3mm (H)

Patient Monitor – PM60E Patient Monitor

Features

■The monitor provides such functions as audible alarm, trend data storage and output, alarm event marking.
■With user-friendly interface.
■Be applicable for adult and paediatrics for whole-age.
■Regular measurement and continuous monitoring mode.
■Data list and trend graph review.
■Touch screen operation.
■Comprehensive analysis function.
■Built-in Li-polymer battery

Environment

Temperature

Working: 5~40(ºC)
Transportation and storage: -10~55(ºC)

Humidity

Working: 30%~75%
Transportation and storage: ≤95%

Atmospheric pressure

Working: 700hPa~1060hPa
Transportation and storage: 500hPa~1060hPa

Specification:

SpO2

■Measurement and alarm range: 0~100%
■Resolution: 1%
■Error: 70%~100%, ± 2%
0% ~ 69%, unspecified

EtCO2

■Measurement mode: side stream or main-stream
■CO2 measurement range: 0~150mmHg
■CO2 resolution:
0.1 mm Hg 0 to 69 mm Hg0.25 mm Hg 70 to 150 mm Hg
■CO2 accuracy:

0–40 mm Hg ±2 mm Hg41–70 mm Hg ±5%71–100 mm Hg ±8%101 – 150 mm Hg ±10%
Respiration rate>80BPM ±12%
■Range of Air Way Respiration Rate(AWRR): 2~150BPM
■Accuracy of Air Way Respiration Rate(AWRR): ±1BPM
■Apnea alarm: YES

Patient Monitor – CMS6500 Vital Signs Monitor

Features

- 7" TFT, touch screen, led backlight, 800x480 pixels.
- Visual and Audio alarms, adjustable.
- Patient management, name and age and id.
- Network with Central Station Software
- Audio volume adjustable form 1 ~ 8 level.
- Multi-language options: Germany, France, Italian, Turkey, etc
- Built-in removable and rechargeable lithium battery
- UI with both Keypad and Touch Screen operation.
- Memory: Built-in memory or mini SD Memory card. Store more than 1000 pieces of archive
- Powerful data storage and management, Trend graph, Trend table, etc.
- Arrhythmia analysis and S-T segment analysis.

Specifications

ECG
- Lead mode:3-lead or 5-lead
- HR range:15 ~ 300 bpm
- Accuracy:±2bpm or ±2%, which is greater

NIBP
- Method: Oscillometry
- Mode: Manual/Auto/Continuous
- Measurement Range:25 ~ 260mmHg

SPO2
- Measurement Range: 0 ~ 100%
- Accuracy: ±2%(70%~100%)
  0% ~ 69% unspecified

Pulse Rate:
- Measurement Range: 25 ~ 250 bpm
- Accuracy: ±3 bpm
- Dimension: 191 x 160 x 244（mm）
- Net weight: 2.1KG

Patient Monitor – CMS9100 Patient Monitor

Features

- 15" TFT, led backlight , 1024x768 pixels.
- Visual and Audio alarms, adjustable.
- Patient management, name and age and id.
- Network with Central Station Software
- Audio volume adjustable form 1 ~ 8 level.
- Multi-language options: Germany, France, Italian, Turkey, etc
- Built-in removable and rechargeable lithium battery
- Memory: Built-in memory or mini SD Memory card. Store more than 1000 pieces of archive
- Powerful data storage and management, Trend graph, Trend table, etc.
  120-hour graphic and tabular trends of all parameters
  120 seconds frozen waveforms
  1000 pieces of NIBP record storage
  100 pieces of regular alarms review
  100 pieces of ARR alarms storage
- Arrhythmia analysis and S-T segment analysis

Specifications

ECG

- Lead mode: 3-lead or 5-lead
- HR range: 15 ~ 300 bpm
- Accuracy: ±2bpm or ±2%, which is greater

Respiration

- Measurement Range: 0 ~ 120
- Apnea alarm

SPO2

- Measurement Range: 0 ~ 100%
- Accuracy: ±2%(70%~100%)
  0% ~ 69% unspecified

Pulse Rate:

■ Measurement Range:25 ~ 250 bpm
■ Accuracy: ±3 bpm

NIBP

■ Method: Oscillometry
■ Mode: Manual/Auto/Continuous
■ Measurement Range:25 ~ 260mmHg

Temperature:

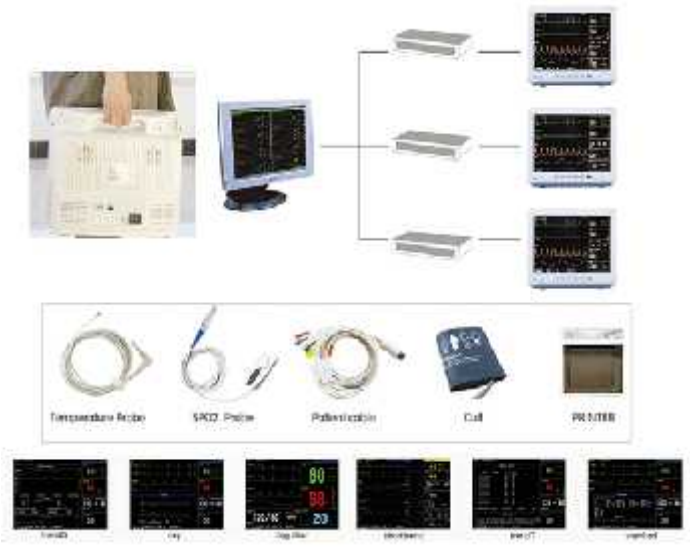
■ Measurement Range: 0 ~ 50□
■ Resolution: 0.1□
■ Dimension: 365 x 150 x 340（mm）
■ Net weight: 4KG

Optional:

■ Parameters: 12 lead ECG, Dual-IBP, EtCO2,

Thermal Recorder

■ Navigating options: mouse, keyboard.
■ Other options: Wireless LAN.



Patient Monitor – PM-80 Handheld ECG Monitor

Features

Designed for daily home healthcare

Light weight and portable size

3.5", 320x240 TFT display, led backlight.

Touch screen

Simple operation and rapid test, ECG can be detected only be two hands or chest.

Basically analyse and diagnose ECG waveform, heart rate and heart rhythm.

Provide clear ECG waveform used for diagnosing to doctor.

Built-in memory for more than 5000 cases of measurement of single channel

ECG, depend on the capacity of the SD card.

Power capacity indication and automatic power off in energy-conserving mode.

Specifications:

Leads mode: bipolar single channel

HR measuring range: 30bpm~300bpm

Bandwidth: 0.05Hz～150Hz

Sampling: 200Hz

Classification: BF

Battery: built-in lithium battery (DC 3.7V)

Dimension: 130mm（L） × 74mm（W）× 25mm（H）

Net weight: 140g

Optional functions

SpO2 module

Monitoring of ECG and SpO2 for a long time.

Wireless telecommunication.

Patient Monitor – CMS6800 Vital Signs Monitor

Features

■ 8" TFT, led backlight , 800x480 pixels.

■ Visual and Audio alarms, adjustable.

■ Patient management, name, age and id.

■ Network with Central Station Software

■ Audio volume adjustable form 1 ~ 8 level.

■ Multi-language options: Germany, France, Italian, Turkey, etc

■ Built-in removable and rechargeable lithium battery

■ UI with both Keypad and Touch Screen operation.

■ Memory: Built-in memory or mini SD Memory card. Store more than1000 pieces of archive

■ Powerful data storage and management, Trend graph, Trend table, etc

■ Arrhythmia analysis and S-T segment analysis.

■ Accuracy: ± 2% (70%~100%)

0% ~ 69% unspecified

ECG

■ Lead mode: 3-lead or 5-lead

■ HR range: 15 ~ 300 bpm

■ Accuracy: ± 2bpm or ± 2%, which is greater

NIBP

- Method: Oscillometry
- Mode: Manual/Auto/Continuous
- Measurement Range: 25 ~ 260mmHg

SPO2

- Measurement Range: 0 ~ 100%

Pulse rate

- Measurement Range: 25 ~ 250 bpm
- Accuracy: ± 3 bpm
- Dimension: 210 x 130 x 210（mm）
- Net weight: 2.3KG

Patient Monitor – PM-70 Patient Monitor

Features

■ Routine Check Mode and Continuous Monitoring Mode
■ Data Graph and Trend Table Review
■ Rich Analysis Report
■ Sync with PC based Sofrware (WinXP and WinVista)
■ lightweight and easy-to-use portable unit
■ Built-in NIBP module
■ Automated & on-demand NIBP measurements
■ User or system-defined inflation pressure
■ ECG is optional

NIBP:

■ Performance Specifications
■ Display:3.5" Colour TFT
■ Resolution:320x240
■ Display Mode: Standard face, Waveform face
■ Indicator: Power indicator light, Alarm sound, Pluse tone
■ Interface: socket for connecting sensors and sockets for communication cables
■ Power Supply: DC 5V, <300mA
■ Battery: Built-in Li-Polymer, 2 hours for charging, 3 hours for continuous working, 8 hours for standby mode
■ Trend Graph: Resolution from 1s, 5s, 10s. Maximum time 96 hours.
■ Trend Table: Resolution from 1s, 5s, 10s. Review up to 1000 items.
■ Alarm: Adjustable High and Low limits. Three level audible and visual alarm
■ User Configuration: All the colours of parameters and waves can be set according to user's willing

Technical specifications:

■ Safety
■ Meet the requirements of IEC60601 series
■ Type of Protection: Class II with internal electric power supply
■ Degree of Protection: BF
■ Dimension and Weight
■ Dimension: 145(W)x95(H)x37(D)mm
■ Weight: 400g(with battery)

■ Operation Environment:
■ Temperature:0□~ +40□
■ Humidity:15% ~ 95%
■ Storage Environment:
■ Temperature:-20□~ +60□
■ Humidity:10% ~ 95%
■ Patient Range
■ Neonate ,Paediatric and Adult

SPO2:

■ Measurement Range:0 ~ 100%
■ Resolution:1%
■ Accuracy:±2%(70%~100%, Adult/Paediatric, non-motion)
±3%(70%~100%, Neonate, non-motion)0% ~ 69% unspecified
■ Alarm Range:0% ~ 100%
■ Refreshing Rate:1s

Pulse Rate:

■ Measurement Range:25 ~ 250 bpm
■ Resolution:1bpm
■ Accuracy:±3 bpm (non-motion)
■ Alarm Range:25 ~ 250 bmp
■ Refreshing Rate:1s

NIBP:

■ Method: Oscillometry
■ Mode: Manual/Auto/Continuous
■ Measurement Range: 25 ~ 260mmHg
■ Auto Measure Interval:5, 10, 15, 30, 45, 60, 90 minutes
■ Resolution: 1mmHg
■ Overpressure Protection: 300mmHg
■ Alarm range: 25 ~260mmHg

Patient Monitor – PM60D (ECG, SPO2, NIBP, PR)

PM60D Patient Monitor is a portable device, designs with modularization, and can be freely combined for single-parameter or multi-parameter monitor. And it can be used for all-round monitoring for adult, pediatric and neonatal for ECG, NIBP and SpO2, etc.

Features:

■All-round monitoring for adult, pediatric and neonatal.
■3.5'' (320×240) TFT LCD.
■Operate with button and touch screen.
■Review of data list and trend graph.
■Configuring interface as user's requirements.
■Audible and visual alarm for each parameter, and upper and lower limit of alarm can be set.
■Built-in rechargeable Li-polymer battery for uninterrupted monitoring.
■Selective SD card for storing 72-hour data.

Performance

ECG
■3-lead and 5-lead are optional.
■Waveform display: dual-lead/full-lead
■Gain selection: 2.5mm/mV,5mm/mV,10mm/mV,20mm/mV
■Measurement range for Heart rate(HR): 30bpm~300bpm, error: ±1bpm or ±1%, whichever is greater.
■Upper and lower limit for alarm range: 30bpm~300bpm, resolution: 1bpm
■Input current: ≤0.1μA
■Enduring polarization voltage: ±300mV, sensitivity range: ±5%.
■CMRR: filter mode(surgery, monitoring)≥80dB
■Frequency response: 1~75Hz(+0.4dB,-3dB)
■Low-frequency characteristic: time constant≥3.2s
■Analysis function: heart rate, arrhythmia analysis, S-T segment analysis
■S-T segment range: -2.0mV~2.0mV

Blood Pressure

■Measurement method: Oscillometry
■Measurement mode: manual/auto/continuous.
■Auto measurement interval: adjustable from 1 to 90 minutes.
■Resolution: 1mmHg.
■Accuracy: Maximum Mean deviation≤±5mmHg, Maximum Standard deviation≤8mmHg.

■Self-check function.
■Overpressure protection: double protection for software and hardware.
Range
Adult:
Systolic pressure: 40mmHg~270mmHg
Mean pressure: 20mmHg~235mmHg
Diastolic Pressure: 10mmHg~215mmHg
Pediatric:
Systolic pressure: 40mmHg~200mmHg
Mean pressure: 20mmHg~165mmHg
Diastolic Pressure: 10mmHg~150mmHg
Neonatal:
Systolic pressure: 40mmHg~135mmHg
Mean pressure: 20mmHg~110mmHg
Diastolic Pressure: 10mmHg~100mmHg
Upper and lower limit of alarm
Adult:
Systolic pressure: 40mmHg~270mmHg
Mean pressure: 20mmHg~235mmHg
Diastolic Pressure: 10mmHg~215mmHg
Pediatric:
Systolic pressure: 40mmHg~200mmHg
Mean pressure: 20mmHg~165mmHg
Diastolic Pressure: 10mmHg~150mmHg
Neonatal:
Systolic pressure: 40mmHg~135mmHg
Mean pressure: 20mmHg~110mmHg
Diastolic Pressure: 10mmHg~100mmHg
SpO2 monitoring
■Continuous real-time measuring.
■Adopt digital SpO2 technology, which has strong anti-interference capability.
■Real-time display SpO2, Pulse rate, SpO2 Plethysmogram, bar graph, SpO2 and Pulse rate(PR) trend graph.
■Trend graph with the function of adaptive scaling
■Standard finger-clip probe for adult , binding probe for neonatal is optional.
SpO2 Measuring
Range: 35%~100% (Resolution: 1%)
Accuracy: ±2% in stage of 70%-100%, and unspecified in stage of less than 70%.
Pulse Rate Measuring
Range: 30bpm~250bpm(Resolution: 1bpm)
Accuracy: ±2bpm or ±2%, whichever is greater.
Measurement Performance in Weak Filling Condition:
SpO2 and Pulse rate can be shown
correctly when pulse-filling ratio is 0.4%, SpO2 error is ±4%; the Pulse rate error is ±2bpm or ±2%, whichever is greater.
Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
Accessories
■A power cord
■A power adapter
■An ECG lead wire
■A SpO2 probe
■An adult NIBP cuff
■An extending tube for blood pressure
Physical characteristic of host

Dimension: 92(L)×22(W)×82(H)mm
Weight: 400g(including battery)

Patient Monitor – PM60C (ECG & SPO2 Monitor)

Features

■Routine Check Mode and Continuous Monitoring Mode
■Data Graph and Trend Table Review
■Rich Analysis Report
■Perfect Mount Solution
■Convenient operation by touch screen
Large SD card memory:
■72 hour ECG graphic
480hour tabular trends of all parameters
28800 pieces of regular alarms review
28800 pieces of ARR alarms storage

Technical specifications

■Dimension:92(L)×82(W)×22(H)mm
■Weight:136g(with battery)

SpO2

■Measurement Range:0~100%
■Accuracy:±2%(70%~100%)
0%~69% unspecified
Pulse Rate
Measurement Range:25~250bpm
Accuracy:±2bmp or ±2%(select larger)

ECG

■Lead mode:3 Leads or 5 Leads
■Lead selection: I、II、III、AVR、AVL、AVF、V
■HR Range:15~300bpm
■Alarm Range:15~300bpm

■Accuracy:±2bmp or ±2%,which is greater

Patient Monitor – PM60B Handheld ECG Monitor

Features

■5 Leads 7 channel ECG
■Data Graph and Trend Table Review
■Alarm Event Review
■ST segment detection
■Arrhythmia analysis
■Freeze and review
■Convenient operation by touch screen
■13 arrhythmia classification and 2-channel ST segment analysis
Large SD card memory:
72 hour ECG graphic
480hour tabular trends of all parameters
28800 pieces of regular alarms review
28800 pieces of ARR alarms storage
■Power Supply: Built-in Li-Polymer, 2 hours for charging,4 hours for continuous working.
■Trend Graph: Resolution from 1s、5s、1min、5min、10min Maximum time 72 hours.
■Trend table: Resolution from 1min、5mini、10min、30min、60min Maximum time 72 hours.

Technical specifications

■Type of Protection: Internally Powered
■Degree of Protection: B
■Dimension:92(L)×82(W)×22(H)mm
■Weight:136g(with battery)

ECG

■Lead mode:3 Leads or 5 Leads
■Lead selection: I、II、III、AVR、AVL、AVF、V
■HR Range:15~300bpm
■Alarm Range:15~300bpm
■Accuracy:±2bmp or ±2%,which is greater

Patient Monitor – PM60A Patient

Instructions
Principle of the PM60A patient Monitor is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology, the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports and it is not recommended to use the device during the process of having sport) and etc.
Major Features
υ ◆Small in volume、light in weight and convenient in carrying
υ ◆Operation of the product is simple ,low power consumption
υ ◆SpO2 value display
υ ◆Pulse rate value display, bar graph display
υ ◆Pulse waveform display
υ ◆The display mode can be changed
υ ◆With backlight, and changeable backlight-time
υ ◆A pulse rate sound indication
υ ◆With measured data overruns limits and low-voltage alarm function, the upper/down alarm range can be adjustable
υ ◆With clock function
υ ◆Battery capacity indication
υ ◆Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage, and with alarm function
υ ◆Connected with an external oximeter probe
υ ◆Trend Graph/Table: Resolution from 1s, 5s, 10s,30s,1min,and so on. Storage of latest 96 hours trend data.
υ ◆Alarm: Adjustable High and Low limits. Three level audible and visual alarm , latest 50 alarm information and waveform displays 8 seconds which 4 seconds are before a certain time when the alarm is turned on and 4 seconds are after appointed time when the alarm is turned on
υ ◆Upload data：Data stored in SD card can be uploaded to computer and analyzed by software "SpO2 Assistant"

Main performance
υ ◆Display Mode：3.5" Color TFT display
υ ◆Screen Resolution：320*240
υ ◆SpO2 Measuring Range：0%～100%, (the resolution is 1%).
υ ◆Accuracy：70%～100%：±2% ,Below 70% unspecified.
υ ◆PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
υ ◆Accuracy：±2bpm or ±2% (select larger)
υ ◆Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
υ Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
υ ◆Power Consumption：less than 300mA
υ ◆Voltage: DC 5.0V
υ ◆Power Supply: Built-in recharge Li-Polymer
υ ◆Battery working hour:7 hours
υ ◆Safety Type: Interior Battery，BF Type

Accessories
Sell in standard
υ ◆a user manual
υ ◆a power adapter(Model:CMS0105)
υ ◆A power wire
υ ◆A bracket
υ ◆a disk (PC software + a user manual)
υ ◆An oximeter probe
Sell in addition
Other oximeter probe(Refer to probe application instruction for details and notice renewal)

Physical Identity
Dimension:92 (W)x82(H)x22(D)mm
Weight: About136g(with battery)

Patient Monitor – CMS8000 Patient Monitor

Features:

NIBP:

- Method: Oscillometry
- Modes: Manual/Auto/Continuous
- Auto measure time: Adjustable
- Measurement rang:10-270mmHg

ECG:

- Lead mode: 3-lead or 5-lead
- Lead selection: I;II;III;avR;avL;avF;V
- Heart rate range: Adult:15-300bpm;Pediatric/Neonatal:15-300bpm
- ECG waveform: 2 channels
- Accuracy: ± 1 bpm or ±1%
- S-T segment detection Measurement rang :-0.2mv~2.0mv
- Alarm: Yes, audible and visual alarm, alarm events review
- High resolution 12.1"color TFT display
- Lightweight, compact and portable
- ECG, APO2, NIBP, RESP, 2-TEMP,PR

■ Optional:2-IBP,ETCO2,And thermal printer

■ Built-in rechargeable lithium battery

■ ECG waveforms of 7-leads display on the same screen

■ 72-hours graphic and tabular trends of all parameters

■ 72 alarm events of all parameters recall

■ 32 seconds full-disclosure waveform review

■ 500 NIBP measurement date can be storage and recall

■ Date and waveforms colour be adjustable

■ Arrhythmia analysis and S-T segment analysis

■ Suitable for adult, paediatric and neonatal patient

SPO2

■ Measurement range: 0-100%

■ Accuracy: 70-100%, ±2% 0-69%, upspecified

Pulse rate

■ Range: 20-254bpm

■ Accuracy: ±3bpm

Respiration

■ Method: RA-LL impedance

■ Range:Adult:0-120rpm;pediatric/neonatal:0-150rpm

■ Apnca alarm Yes

Temperature

■ Range:0-50□

■ Apnca: 0.1□

■ Channel: Dual-Channel

Patient Monitor – CMS5000 Patient Monitor

CMS5000 Patient Monitor adopts Oscillometry for NIBP measuring, Photoelectric Oxyhemoglobin Inspection Technology combining Capacity Pulse Scanning & Recording Technology for SpO2 measuring. Systolic Pressure (SYS), Diastolic Pressure(DIA), Mean Pressure(MAP), SpO2 and Pulse rate(PR) can be accurately measured.
Compact appearance, comprehensive functions, simple and convenient operation which is applicable for hospitals, community medical treatment and family.

Features

■Be applicable for adult, paediatric and neonatal for all-round monitoring, easy operation and high cost performance.
■Be applicable for medicine, surgery, operating room, ICU/CCU, emergency room, obstetrics and gynaecology, paediatrics.
■Built-in rechargeable Li-polymer battery for uninterrupted monitoring.
■Compact and flexible appearance, easy for carrying and be suitable for indoor and outdoor (in ambulance) monitoring.
■With user-friendly interface.
■Display with 2.4'' (320×240) colour TFT LCD and blue highlight LED.
■Visual and audible alarm for Systolic Pressure(SYS), Diastolic Pressure(DIA), Mean Pressure(MAP), SpO2 and Pulse rate(PR), and upper and lower limit of alarm can be set.
■Unique Flash memory, storage for up to 2000 NIBP data or SpO2 data within 48-hour.
■Convenient and quick in inquiring measurement data.
■Optional parameter: temperature.

Performance

NIBP monitoring
Measurement method: Oscillometry
Measurement mode: manual/auto/continuous.
Auto measurement interval: adjustable from 1 to 255 minutes.
Resolution: 1mmHg.

Accuracy: Maximum Mean deviation≤±5mmHg, Maximum Standard deviation≤8mmHg.
Self-check function.
Overpressure protection: double protection for software and hardware.
Range:
Adult:
Systolic pressure: 40mmHg~270mmHg
Mean pressure: 20mmHg~235mmHg
Diastolic Pressure: 10mmHg~215mmHg
Paediatric:
Systolic pressure: 40mmHg~200mmHg
Mean pressure: 20mmHg~165mmHg
Diastolic Pressure: 10mmHg~150mmHg
Neonatal:
Systolic pressure: 40mmHg~135mmHg
Mean pressure: 20mmHg~110mmHg
Diastolic Pressure: 10mmHg~100mmHg
Upper and lower limit of alarm
Adult:
Systolic pressure: 40mmHg~270mmHg
Mean pressure: 20mmHg~235mmHg
Diastolic Pressure: 10mmHg~215mmHg
Paediatric:
Systolic pressure: 40mmHg~200mmHg
Mean pressure: 20mmHg~165mmHg
Diastolic Pressure: 10mmHg~150mmHg
Neonatal:
Systolic pressure: 40mmHg~135mmHg
Mean pressure: 20mmHg~110mmHg
Diastolic Pressure: 10mmHg~100mmHg
SpO2 monitoring
■Continuous real-time measuring.
■Adopt digital SpO2 technology, which has strong anti-interference capability.
■Real-time display SpO2, pulse rate, SpO2 Plethysmogram, bar graph, SpO2 and Pulse rate(PR) trend graph.
■Trend graph with the function of adaptive scaling
■Standard adult finger-clip probe, binding probe for neonatal is optional.
SpO2 Measuring
Range: 35%~100% (Resolution: 1%)
Accuracy: ±2% in stage of 70%-100%, and unspecified in stage of less than 70%.
Pulse Rate Measuring
Range: 30bpm~250bpm(Resolution: 1bpm)
Accuracy: ±2bpm or ±2%, whichever is greater.
Measurement Performance in Weak Filling Condition: SpO2 and pulse rate can be shown

correctly when pulse-filling ratio is 0.4%, SpO2 error is ±4%; the Pulse rate error is ±2bpm or ±2%, whichever is greater.

Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.

Accessories

■A power cord
■A SpO2 probe
■An adult BP cuff
■An extending tube for blood pressure

Physical characteristic

Dimension: 232(L)×198(W)×75(H)mm
Weight: 1.15kg

Certification documents

Domestic registration, CE certification

Patient Monitor – PM50 Patient Monitor

Introduction

PM50 is a multifunctional patient monitor; it can monitor SPO2 and NIBP for a long time, and applies to the hospital wards or family daily health care.

Features

■Compact and portable, easy to use
■With Integrative SpO2 Probe
■Double working modes, monitoring function and 24 hours ambulatory NIBP measure function can be flexibly set
■NIBP and SpO2 can be monitored for a long time
■NIBP and SpO2 data record for large capacity
■With friendly user interface, the user can see list menu and review measure results
■The device can display low power information, alarm information, error information and time information richly
■Parameter alarm function is optional
■Patient information can be flexibly set
■Case management function. PC software can achieve data review, analysis measure results, seeing trend, printing reports and other functions

Performance

■NIBP
Measure Method: Oscillometry
Measure Mode: The upper arm measure
Measure range:
ADULT: SYS: 40mmHg～270mmHg
MAP:20mmHg～235mmHg
DIA: 10mmHg～215mmHg
PEDIATRIC: SYS: 40mmHg～200mmHg
MAP: 20mmHg～165mmHg
DIA: 10mmHg～150mmHg
NEONATAL: SYS: 40mmHg～135mmHg
MAP: 20mmHg～110mmHg
DIA: 10mmHg～100mmHg
Automatic measure Interval: 5,10,15,20,30,45,60,90,120 minutes
Resolution: 1mmHg
Accuracy: ±3mmHg

Increasing pressure mode: force pump increases pressure automatically
Reducing pressure mode: self-motion ladder reducing pressure mode
Alarm parameter: SYS / MAP / DIA
■SPO2
Measure range: 0%～100% (Resolution:1%)
Accuracy: 70-100%, ±2%, below 70% unspecified
Error in Weak Filling Condition:
SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
Resistance to surrounding light:
The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
■Pulse Rate
Measuring range: 0bpm～250bpm
Resolution:1bpm
Accuracy: ±2 bpm or ±2% (select larger)
■Display: 2.4" TFT colour LCD
■Power: DC 3V（Two "AA",1.5V Alkali Battery）
■Product safety type: Type BF applied part (Internally powered, defibrillation-proof)

Physics speciality
Dimension: 128mm*69mm*36 mm (No including Packing)
Weight: <350g (Including Batteries)

Accessories
■Cuff for adult
■Integrative SpO2 Probe
■USB data line
■Disk (PC software)
■Pack
■User manual

Software function :
■Up to 1000 patient cases can be edited and supervised.
■The time segment of dealing with the patient’s NIBP data is 48 hours.
■Connect the device by USB interface.
■Can upload patient information data collection project and download collection data.
■Can display scoop-shape trend graph, filling-type trend graph, histogram, pie chart, correlation line graph.
■Can edit every piece of data, and add annotation to it.
■Can edit basic information, doctor's advice information, NIBP and SpO2 status instruction, current medicine-taken information, etc. Support print preview, print the report.

Patient Monitor – CMS6000 Multi-Parameter Monitor

Features:

■ 8.4” color TFT display
■ Suitable for adult, pediatric and neonatal patient
■ Basic parameters (ECG, SpO2, NIBP) in a durable case for bedside monitoring and transport
■ Audible and visual alarms with adjustable alarm ranges
■ Networkable with CONTEC central monitoring system
■ Powerful data management and storage capacity

ECG

■ Lead type:5-lead
■ Input: RA; LA; RL; LL; V
■ Sweep speed: 12.5mm/s, 25mm/s, 50mm/s
■ Accuracy: ±bpm or ±%, whichever is greater
■ Protection: Withstand 4000VAC/50Hz voltage in isolation against electrosurgical and defibrillation
■ S-T detection: YES, Arrhythmia analysis: YES
■ Alarm: YES, audible and visual alarm, alarm events recallable

NIBP

■ Method: Oscillometry
■ Operation modes: Manual/Automatic/STAT
■ Measurement unit: mmHg/KPa selectable
■ Measurement types: Systolic, Diastolic, Mean
■ Over-pressure protection: YES

SpO2

■ Measurement range: 0-100%
■ Accuracy: ±2digit (70~100%)
■ 0~69% unspecified

Standard Configuration:
◇ ECG, NIBP, SpO2

Optional:
◇ RESP,2-TEMP,2-IBP,ETCO2,Network,Thermal Recorder

Patient Monitor – CMS7000 Multi-Parameter Monitor

Features

■ 12.1"High brightness TFT LCD display

■ Portable , streamline handle design

■ Big figure display

■ ECG Waveforms of 7-lead displayed in one screen

■ 96-hour tabular and graphic trends & date storage

■ Compatible and self identify 3-lead and 5-lead ECG cable

■NIBP dual Over Pressure Protection

■Isolated floating, anti defibrillation protected and anti high-frequency interference

Standard parameter & configuration

■ 3/5 lead ECG,RESP,SpO2,NIMP,TEMP,PR,Network

Optional parameter & configuration

■ 2-IBP,Recorder,12 lead ECG,ETCO2

Patient Monitor – CMS9000 Multi-Parameter Monitor

Features

■ Colour TFT Screen, waveform up to 8 channels

■ Light and portable with build-in rechargeable battery

■ UP to 10 kinds of monitor parameters

■ Arrhythmia analysis, pace-marker detection and S-T Segmentanalysis

■ 72 hour storage and review of trend grams and tables, 40 second review of holographic waveforms.

■ Built-in recorder (option)

■ All-round monitor of adult, paediatric and neonatal.

■ Electrosurgical unit and defibrillation protected

■ Standard parameters: ECG, NIBP, SPO2, Respiration, Temperature, Pulse rate

■ Option parameters: EtCO2, CO, IBP, Thermal Printer

ECG

■ 5-lead or 3-lead selectable

■ Input: 5-lead: RA; LA; RL; LL; V or R; L; N; F; C

■ Lead selection: I; II; III; avR; avL; avF; Vx; CAL

■ Gain selection: 12.5mm/s, 25mm/s, 50mm/s

■ Accuracy: ±1bpm or ±1%, whichever is greater

■ Protection: Withstand 4000VAC/50Hz voltage in isolation against electrosurgical and defibrillation

■ Calibration signal: 1mV±5%

■ Operation modes: Diagnostic, Monitor, Surgery

■ Alarm range: Adult: 15-300bpm

■ Pediatric/Neonatal: 15-350bpm

■ Alarm range: -2.0mV~2.0mV

■ S-T detection: YES, Arrhythmia analysis: YES

■ Alarm: YES, audible and visual alarm, alarm events recallable

NIBP

■ Method: Oscillometry

■ Operation modes: Manual/Automatic/STAT

■ Measurement unit: mmHg/KPa selectable

■ Measurement types: Systolic, Diastolic, Mean

■ Measurement range: Adult: 10-270mmHg

■ Over-pressure protection: YES

■ Resolution: 1mmHg

■ Accuracy: Mean error and standard deviation per ANSI/AAMI SP-10

■ Alarm: Systolic, Diastolic, Mean

SpO2

■ Measurement range: 0-100%

■ Accuracy: ±2digit (70~100%);

■ 0~69% unspecified

■ Alarm range: 0-100%

Respiration

■ Method: RA-LL impedance

■ Paediatric/Neonatal: 6-150rpm

■ Alarm range: Adult: 6-120rpm

■ Paediatric/Neonatal: 6-150rpm

■ Apnea alarm: YES

Temperature

■ Resolution: 0.1□

■ Channel: Dual-channel

■ Alarm range: 0-50□

Option:

EtCO2

■ Measurement Mode: Side-stream or mainstream

■ Measurement range: EtCO2: 0-99mmHg

■ Accuracy: CO2 concentration

■ Apnea alarm: YES

CO

■ Method: Thermo-dilution

■ Measurement range: CO: 0.1-20 lit./min.

IBP

■ Channel: 2 channels

■ Pressure transducer: Sensitivity: 5(mV/V/mmHg)

■ Transducer sites: ART, PA, CVP, RAP, LAP, ICP

■ Alarm range: -10~300mmHg

Patient Monitor – CMS9000 Central Monitoring System

Features

■Networked to CMS9000 patient monitor

■Optional dual-screen display

■Up to 64 bedside monitors connectable

■High-resolution display of 32 waveforms for 16 beds simultaneously with user selectable size

■Review of the latest 720 alarm events for each bedside monitor

■Review of the latest 6 minutes short trend and 240 hours trend for each bedside

■Display of multi-lead ECG waveforms and S-T segment

■72-hour full-disclosure waveform store and review

■Thermal recorder and optional laser printer

■10,000 history patient monitoring information

■ All-round system help information including operation guide of central monitoring system and patient monitor