

PRODUCT LIST

CONTEC MEDICAL SYSTEMS CO.,LTD.





















Contec Medical Systems Co.,Ltd. (hereinafter referred to as CONTEC) focusing on research, manufacture and distribution of medical instruments, was founded in 1992 as a high-tech company. CONTEC locates in Economic & Technical Development Zone in Qinhuangdao covered an area of 125 acres and building area of over 100000 square meter, which is one of the largest bases for R & D and production of medical devices in China.

CONTEC was dedicating to research, manufacture and distribution of medical devices, now we have developed more than 20-category products contained Pulse Oximeter, Sphygmomanometer, ECG, EEG, Ultrasound Equipment, Patient Monitor and Image Equipment,etc. And we have established a modern scientific and effective manufacture system and management system, independently designed and developed many advanced products, such as Pulse Oximeter, Electronic Sphygmomanometer, Blood Pressure Monitor, Arteriosclerosis Examine, 1-12-channel ECG, Portable ECG Monitor, ECG Workstation, Digital Brain Electric Activity Mapping, Dynamic EEG System, Pocket Fetal Doppler, B-ultrasound Diagnostic System, Sleep Apnea Screen Meter, Polysomnography Analysis System, Pulse Rate Meter, SPIROMETER, Urine Analyzer, Oxygen Concentrator, Patient Monitor and Multi-parameter Vital Signs Monitor, and we own 60 national patent, 37 software copyright, our products have passed CE, FDA and COS/VIOS certificate. At present, CONTEC produces and distributes more than 2000000 products per year, which were distributed to over 200 countries and regions.

CONTEC adheres to the people-oriented, innovative development ideas, endeavors to achieve the goal of the international market, informative management, diversifiable product, we also dedicate to research and product high-tech products with more advanced in technology, more perfect in function, and more predominant in performance, to work CONTEC to a world-class modern enterprise.



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Telemedicine Solution

PHMS definition

PHMS is a methodology of monitoring and preventing diseases (such as heart disease, hypertension, sleep apnea, asthma, etc.). By applying the latest electronic, computing and internet technology, it provides users with the services including personal life signs data acquisition, storage, management and analysis.



Life Trend A

Life Trend A is applicable for measure different physiological parameters (including NIBP, SpO2, PR, blood glucose, weight, etc.) in young families, it contains four devices and one APP running on Android/IOS system, and user can upload health information to cloud terminal, review health report and check health advice by APP.



Life Trend B

Life Trend B is applicable for measure different physiological parameters (including NIBP, SpO₂, PR, blood glucose, weight, etc.) in the middle-aged and aged families, it contains four devices. The Electronic Sphygmomanometer (with built-in GPRS module) connects with other devices by Bluetooth, and user can upload health information to cloud terminal, store and check health report by GPRS.



Multi-parameter Vital Signs Monitor

Multi-parameter Vital Signs Monitor is a self-examination machine which is applicable for use in communities and public places. It can measure more than ten physiological parameters (including 7-lead ECG, height, weight, blood glucose, SpO₂, temperature, urine, vital capacity, etc.) by swiping cards. User can upload health information to cloud terminal (where examination results can be identified, health report and advice can be given automatically or by expert) by 3G/4G/Wi-Fi/LAN. User can also download APP to follow health information at any moment.



HMS6500 Multi-parameter Vital Signs Monitor

- Display mode: 7" color LCD
- Simple and convenient to operate with touch screen.
- Register by phone: register by verification code which is obtained by inputting phone number into the device.
- Offline collection: data can be collected and saved to the device or U disk when it is unable to connect to the network.
- Data upload: data collected in offline state can be uploaded, and data uploaded unsuccessfully can be saved automatically and uploaded to PHMS again until stable network.
- ECG, blood pressure, SpO₂, temperature and blood glucose can be measured. Convenient and simple to measure blood glucose, accurate and stable in results. Convenient, safe and fast to measure temperature within 1s by the Infrared Thermometer. ECG, blood pressure and SpO₂ can be measured simultaneously, accurate in measurement results, convenient and simple to operate. All measurements can be finished in 5 minutes.
- Input height and weight manually, then BMI can be calculated automatically.
- Adopt digital SpO₂ technology, strong in anti-interference and anti-weak filling capability.
- Collection terminal of user data for PHMS health management system.
- Data measured can be uploaded to PHMS data management center.
- Experts of different levels can be selected for consultation.
- Network mode: 3G, Wi-Fi, wired.
- Built-in rechargeable lithium battery achieves uninterrupted monitoring.
- Optional:
Hardware: moving bracket, 12-lead ECG
Parameters: pulmonary function, routine urine, uric acid, total cholesterol



HMS9800 Multi-parameter Vital Signs Monitor

- Be applicable for employee examination in enterprises, insurance companies, etc.
- Be applicable to establish Health Management Club.
- Be applicable for people-benefit examination for the persons(in Disable Persons Federation, Ministry of Civil Affairs, etc.) conform to regulations.
- Be applicable to collect and manage resident health records in Community Service Center, Healthcare Center and Medical Examination Center.
- Be applicable for physical quality comparison and standard parameters measurement in different gymnasiums(such as Natatorium, Badminton hall and Basketball Hall, etc.).
- Multi-parameter can be measured in public place.
- Simple and convenient to operate with touch screen.
- Register by phone: register by verification code which is obtained by inputting phone number into the device.
- ECG, blood pressure, SpO₂, temperature, height, weight and blood glucose can be measured. Convenient and simple to measure blood glucose, accurate and stable in results. Fast to measure height and weight, high brightness 7-segment LED display, height and weight value broadcasting. Convenient, safe and fast to measure temperature within 1s by the Infrared Thermometer. ECG, blood pressure and SpO₂ measurement functions are integrated into the chair, accurate in measurement results, convenient and simple to operate. All measurements can be finished in 5 minutes.
- Trend chart/table: provide long-term health trend statistic for users.
- Network mode: wired, Wi-Fi and 3G.
- Login "<http://www.contec365.com>", input user name and password to enter "PHMS" to check the diagnosis report and expert reply.
- Optional parameters: pulmonary function, routine urine, uric acid, total cholesterol



Patient Monitoring

CMS7000/CMS8000/CMS9000 Patient Monitor

Features

- 12.1" TFT color LCD, 15-language interface.
- With standard interface, oxygen graph, trend chart, big character interface and view bed, convenient to operate.
- Powerful functions for parameter waveform, trend storage and review.
- Sync display of 7-lead ECG.
- Achieve data storage and software updating by USB interface.
- Calculation of drug concentration.
- Power supply: built-in rechargeable lithium battery, AC/DC, achieves uninterrupted monitoring.
- Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.
- Be applicable for adult, pediatric and neonate for all-around monitoring.
- **Standard parameters:** 5-lead ECG, RESP, NIBP, SpO₂, PR, dual-channel TEMP, dual-channel IBP interface(only for CMS8000), ETCO₂ interface(only for CMS8000).
- **Optional functions:** IBP, ETCO₂, 12-lead ECG, built-in thermal printer, VGA output, moving bracket and hanging bracket.



CMS7000

Specification

- **ECG**
Lead mode: 3-lead or 5-lead
Measurement and alarm range for HR: 15~350 bpm
Measurement and alarm range for ST segment: -2.0 mV~+2.0 mV
Scan speed: 12.5mm/s, 25 mm/s, 50 mm/s
- **RESPIRATION**
Method: R-F(RA-LL) Impedance
Measurement and alarm range: 0~150 rpm
Apnea alarm: 10~40s
- **SpO₂**
Measurement and alarm range: 0%~100%
Accuracy: 70%~100%, ±2%
Measurement and alarm range for PR: 30~250 bpm
- **NIBP**
Method: Oscillometry
Mode: Manual/AUTO/Continuous
Measurement interval in Continuous mode: 5 minutes
Measurement and alarm range: 10~270mmHg
Over-pressure protection: dual-protection for software and hardware
BP cuff: select adult, pediatric and neonatal cuff according to requirements.
- **TEMP**
Channel: dual-channel
Measurement and alarm range: 0~50°C
- **Dimension:**
319mm(L)×161mm(W)×269mm(H)(CMS7000)
310mm(L)×140mm(W)×263mm(H)(CMS8000)
319mm(L)×167mm(W)×268mm(H)(CMS9000)



CMS8000



CMS9000

CMS6000 Patient Monitor

Features

- 8" TFT color LCD, sync display of 7-lead ECG, multi-language interface.
- Power supply: built-in rechargeable lithium battery, AC/DC, achieves uninterrupted monitoring.
- Review of 480-hour trend data, 34-second holographic waveform and 2400 groups of NIBP data.
- Adopt digital SpO₂ technology, strong in anti-interference and anti-weak filling capability.
- Analysis of arrhythmia, pacemaker and S-T segment.
- Anti-high frequency surgical unit, defibrillation-proof(special leads are necessary).
- **Standard parameters:** ECG, RESP, NIBP, SpO₂, PR, dual-channel TEMP.
- **Optional functions:** IBP, ETCO₂, built-in thermal printer.

Specification

- **ECG**
Lead mode: 3-lead or 5-lead
Scan speed: 25 mm/s, 50 mm/s
Measurement and alarm range for HR: 15~350 bpm
Measurement and alarm range for ST segment: -2.0 mV~+2.0 mV
Arrhythmia analysis: 13-arrhythmia
- **RESPIRATION**
Method: R-F(RA-LL) Impedance
Measurement and alarm range: 0~150 rpm
Apnea alarm: 10~40s
- **NIBP**
Method: Oscillometry
Mode: Manual/AUTO/Continuous
Measurement and alarm range: 10~270 mmHg
- **TEMP**
Channel: dual-channel
Measurement and alarm range: 0~50°C
- **SpO₂**
Measurement and alarm range: 0%~100%
Measurement and alarm range for PR: 30~250 bpm
- **Dimension:** 235mm(L)×141mm(W)×222mm(H)



CMS6000

CMS6500 Patient Monitor

Features

- 7" color LCD.
- Simple and convenient to operate with touch screen.
- Powerful functions for parameter waveform, trend storage and review.
- Sync display of full-lead ECG.
- Adopt digital SpO₂ technology, strong in anti-interference and anti-weak filling capability.
- Alarm items: technical alarm, 71 physiological alarms and 60 arrhythmia alarms.
- Review of 480-hour trend data, 2400 groups of NIBP data and 72-hour ECG waveform.
- Anti-high frequency surgical unit, defibrillation-proof(special leads are necessary).
- Be applicable for adult, pediatric and neonate for all-around monitoring.
- Achieve data storage, software updating by USB interface.
- Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.
- Built-in rechargeable battery achieves uninterrupted monitoring.
- **Standard parameters:** ECG, SpO₂, NIBP, RESP, TEMP, PR.
- **Optional functions:** moving bracket, hanging bracket and portable printer.

Specification

- **ECG**
Lead mode: 3-lead or 5-lead
Scan speed: 12.5mm/s, 25.0mm/s, 50.0mm/s
Measurement and alarm range for HR: 15~350 bpm
Measurement and alarm range for ST segment: -2.0 mV~+2.0 mV
Arrhythmia analysis: 13-arrhythmia
- **RESPIRATION**
Method: R-F(RA-LL) Impedance
Measurement and alarm range: 0~150 rpm
Apnea alarm: 10~40s
- **NIBP**
Method: Oscillometry
Mode: Manual/AUTO/Continuous
Over-pressure protection: dual-protection for software and hardware
Measurement and alarm range: 10~270 mmHg
- **TEMP**
Channel: single channel
Measurement and alarm range: 0~50°C
- **SpO₂**
Measurement and alarm range: 0%~100%
Accuracy: 70%~100%, ±2%
Measurement and alarm range for PR: 30~250 bpm
- **Dimension:** 192mm(L)×162mm(W)×243mm(H)



CMS6500

CMS6800 Patient Monitor

Features

- 8" color LCD, 15-language interface.
- Operation mode: keys and knobs.
- Calculation of drug concentration.
- Alarm items: technical alarm, 71 physiological alarms and 60 arrhythmia alarms.
- Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.
- Review mode: trend chart and trend table.
- SD card review: review of trend data and 72-hour ECG waveform.
- Built-in rechargeable battery achieves uninterrupted monitoring.
- Record for ECG, SpO₂, RESP, BP and TEMP data.
- Anti-high frequency surgical unit, defibrillation-proof(special leads are necessary).
- **Standard parameters:** ECG, RESP, NIBP, SpO₂, PR and dual-channel TEMP.
- **Optional functions:** moving bracket, hanging bracket and portable printer.

Specification

- **ECG**
Lead mode: 3-lead or 5-lead
Scan speed: 12.5 mm/s, 25 mm/s, 50 mm/s
Measurement and alarm range for HR: 15~350 bpm
Measurement and alarm range for ST segment: -2.0 mV~+2.0 mV
Arrhythmia analysis: 13-arrhythmia
- **RESPIRATION**
Method: R-F(RA-LL) Impedance
Measurement and alarm range: 0~150 rpm
Apnea alarm: 10~40s
- **NIBP**
Method: Oscillometry
Measurement and alarm range: 10~270 mmHg
- **TEMP**
Channel: dual-channel
Measurement and alarm range: 0~50°C
- **SpO₂**
Measurement and alarm range: 0%~100%
Accuracy: 70%~100%, ±2%
Measurement and alarm range for PR: 30~250 bpm
- **Dimension:** 227mm(L)×153mm(W)×247mm(H)



CMS6800

CMS7000PLUS Patient Monitor

Features

- Operation mode: touch screen, keys and knobs.
- 12.1" TFT color LCD, multi-language interface.
- Monitoring parameters, scan speed, volume and output contents can be set optionally.
- Review of 480-hour trend data, 2400 groups of NIBP data, 72-hour ECG waveform and 34-second holographic waveform.
- Adopt digital SpO₂ technology, strong in anti-interference and anti-weak filling capability.
- Calculation of drug concentration.
- Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.
- Built-in rechargeable battery achieves uninterrupted monitoring.
- **Standard parameters:** 5-lead ECG, RESP, NIBP, SpO₂, PR, dual-channel TEMP.
- **Optional functions:** IBP, ETCO₂, 12-lead ECG, built-in thermal printer and VGA output.

Specification

- **ECG**
Lead mode: 3-lead or 5-lead
Measurement and alarm range for HR: 15~350 bpm
Measurement and alarm range for ST segment: -2.0 mV~+2.0 mV
Scan speed: 12.5 mm/s, 25 mm/s, 50 mm/s
- **RESPIRATION**
Method: R-F(RA-LL) Impedance
Measurement and alarm range: 0~150 rpm
Apnea alarm: 10~40s
- **SpO₂**
Measurement and alarm range: 0%~100%
Accuracy: 70%~100%, ±2%
Measurement and alarm range for PR: 30~250 bpm
- **NIBP**
Method: Oscillometry
Mode: Manual/AUTO/Continuous
Measurement interval in Continuous mode: 5 minutes
Measurement and alarm range: 10~270 mmHg
Over-pressure protection: dual-protection for software and hardware
BP cuff: select adult, pediatric and neonatal cuff according to requirements.
- **TEMP**
Channel: dual-channel
Measurement and alarm range: 0~50°C
- **Dimension:** 319mm(L)×161mm(W)×269mm(H)



CMS7000PLUS



CMS9200 Patient Monitor

Features

- 15" TFT color LCD, 15-language interface.
- Operation mode: keys and knobs.
- Sync display of 7-lead ECG, waveform and parameters color can be set optionally.
- Monitoring parameters, scan speed, volume and output contents can be set optionally.
- Review of 480-hour trend data, 2400 groups of NIBP data, 72-hour ECG waveform and 34-second holographic waveform.
- Alarm items: technical alarm, 71 physiological alarms and 60 arrhythmia alarms.
- Adopt digital SpO₂ technology, strong in anti-interference and anti-weak filling capability.
- Calculation of drug concentration.
- Achieve data storage and software updating by USB interface.
- Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.
- Built-in rechargeable battery achieves uninterrupted monitoring.
- Anti-high frequency surgical unit, defibrillation-proof(special leads are necessary).
- **Standard parameters:** ECG, RESP, NIBP, SpO₂, TEMP, PR, IBP interface and CO₂ interface.
- **Optional functions:** IBP, ETCO₂, 12-lead ECG, built-in thermal printer, VGA output, moving bracket and hanging bracket.

Specification

• ECG

Lead mode: 3-lead or 5-lead

Scan speed:12.5mm/s,25.0mm/s,50.0mm/s

Waveform: dual-channel

Measurement and alarm range for HR: 15~350 bpm

Measurement and alarm range for ST segment: -2.0 mV~+2.0 mV

Arrhythmia analysis: 13-arrhythmia

• RESPIRATION

Method: R-F(RA-LL) Impedance

Measurement and alarm range: 0~150 rpm

Apnea alarm: 10~40s

• SpO₂

Measurement and alarm range: 0%~100%

Accuracy: 70%~100%, ±2%

Measurement and alarm range for PR: 30~250 bpm

• NIBP

Method: Oscillometry

Mode: Manual/AUTO/Continuous

Over-pressure Protection: dual-protection for software and hardware

Measurement and alarm range: 10~270 mmHg

• TEMP

Channel: dual-channel

Measurement and alarm range: 0~50°C

• Dimension: 363mm(L)×168mm(W)×339mm(H)



CMS9200

CMS9200PLUS Patient Monitor

Features

- 15" TFT color LCD, multi-language interface.
- Operation mode: touch screen, keys and knobs.
- Sync display of full-lead ECG, waveform and parameters color can be set optionally.
- Monitoring parameters, scan speed, volume and output contents can be set optionally.
- Review of 480-hour trend data, 2400 groups of NIBP data, 72-hour ECG waveform and 34-second holographic waveform.
- Alarm items: technical alarm, 71 physiological alarms and 60 arrhythmia alarms.
- Adopt digital SpO₂ technology, strong in anti-interference and anti-weak filling capability.
- Calculation of drug concentration.
- Achieve data storage and software updating by USB interface.
- Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.
- Built-in rechargeable battery achieves uninterrupted monitoring.
- Anti-high frequency surgical unit, defibrillation-proof(special leads are necessary).
- **Standard parameters:** ECG, RESP, NIBP, SpO₂, TEMP, PR, IBP interface and CO₂ interface.
- **Optional functions:** IBP, ETCO₂, 12-lead ECG, built-in thermal printer, VGA output, moving bracket and hanging bracket.

Specification

• ECG

Lead mode: 3-lead or 5-lead

Scan speed:12.5mm/s,25.0mm/s,50.0mm/s

Waveform: dual-channel

Measurement and alarm range for HR: 15~350 bpm

Measurement and alarm range for ST segment: -2.0 mV~+2.0 mV

Arrhythmia analysis: 13-arrhythmia

• RESPIRATION

Method: R-F(RA-LL) Impedance

Measurement and alarm range: 0~150 rpm

Apnea alarm: 10~40s

• SpO₂

Measurement and alarm range: 0%~100%

Accuracy: 70%~100%, ±2%

Measurement and alarm range for PR: 30~250 bpm

• NIBP

Method: Oscillometry

Mode: Manual/AUTO/Continuous

Over-pressure protection: dual-protection for software and hardware

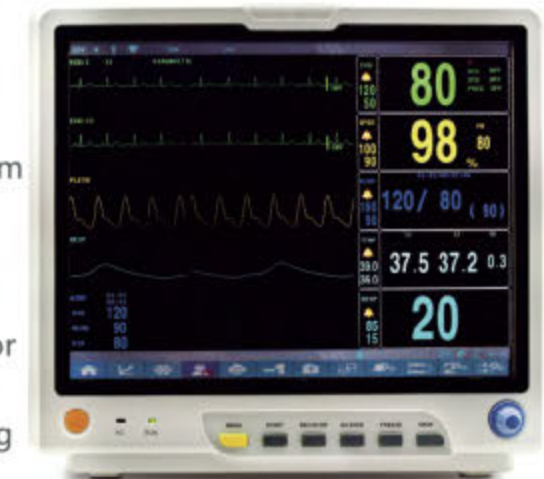
Measurement and alarm range: 10~270 mmHg

• TEMP

Channel: dual-channel

Measurement and alarm range: 0~50°C

• Dimension: 363mm(L)×168mm(W)×339mm(H)



CMS9200PLUS

CMS5000/CMS5000C/CMS5100 Patient Monitor

Features

- **CMS5000, CMS5000C** : 2.4" TFT-LCD and high brightness 7-segment LED display(blue)
- **CMS5100** : 2.8" TFT-LCD and high brightness 7-segment LED display (red-yellow)
- Be applicable for use in internal medicine, surgery, operating room, ICU/CCU, emergency room, obstetrics-gynecology, pediatrics.
- Built-in rechargeable lithium battery achieves uninterrupted monitoring.
- Compact and flexible appearance, convenient to carry, and be applicable for indoor and outdoor(in ambulance) use.
- User-friendly interface.
- Audible and visible alarm function, and upper and lower limit of alarm can be set.
- Memory of blood pressure and SpO2 data.
- Review of blood pressure and SpO2 trend chart.
- Optional temperature function(only for CMS5000).
- Upload data to PC for analyzing and printing reports(only for CMS5000C).
- Export measurement results and SpO2 Plethysmogram by built-in thermal printer (only for CMS5000C).

Specification

- **NIBP**
Method: Oscillometry
Mode: Manual/AUTO/Continuous
Measurement interval in AUTO mode: 1~255 minutes.
Overpressure protection: dual-protection for software and hardware
Range: 10mmHg~270mmHg
Accuracy: maximum mean deviation $\leq\pm 5$ mmHg,
maximum standard deviation ≤ 8 mmHg
- **SpO2**
Continuous real-time measurement.
Adopt digital SpO2 technology, strong in anti-interference capability.
Real-time display of SpO2, PR, SpO2 Plethysmogram, bar graph, SpO2 and PR trend chart.
SpO2
Range: 0%~100%
Resolution: 1%
Accuracy: 70%~100%: $\pm 2\%$
0%~69%: unspecified
- **PR**
Range: 30bpm~250 bpm
Resolution: 1 bpm
Accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater
- **Dimension:**
190mm(L) \times 162mm(W) \times 240mm(H)(CMS5100)
232mm(L) \times 198mm(W) \times 75mm(H)(CMS5000/CMS5000C)



CMS5000



CMS5000C



CMS5100

CMS9000 Central Monitoring System

- The number of bedside monitors(2,4,8,16,32) can be switched freely.
- Up to 64 bedside monitors can be connected.
- Real-time display and storage of 14-waveform and multi-parameter sent by each bedside monitor. And it can keep synchronous with the bedside monitor.
- Powerful data review and analysis function.
- Mass data storage.
- Audible and visible alarm.
- Optional languages: Chinese and English.
- Multi central monitoring systems and monitors connected can be observed by one central monitoring system.
- Reports can be printed and converted to PDF files by virtual printer.
- Sync display of 12-lead ECG.
- Be compatible with all monitors which meet CMS protocol.
- Up to 32 bedside monitors can be observed simultaneously by the optional dual-screen display, and 16 bedside monitors for one screen.
- Quick swap bed function.
- Bidirectional communication.
- Automatic data storage in case of power failure(optional, UPS is necessary).
- Connect with PACS, achieves information sharing and communication.
- Network mode: 3G, WLAN



PM50 Patient Monitor

PM50 is a multifunctional patient monitor which can simultaneously monitor NIBP and SpO₂, it is applicable for use in hospital and family for routine test.

Features

- 2.4" color TFT-LCD.
- Dual-work mode: monitoring and 24h ambulatory blood pressure measurement.
- Long-term monitoring for NIBP and SpO₂.
- Mass memory for NIBP and SpO₂ data, check for list menu, review for measurement results.
- Display of low battery, alarm information, error information and time.
- User-defined parameters alarm function.
- Patient information can be set flexibly.
- Case management function, communicate with PC, to achieve the functions of data review, result analysis, trend chart observation, reports print, etc.
- Measurement interval in AUTO mode: 5, 10, 15, 20, 30, 45, 60, 90, 120 minutes.
- Dimension: 128mm(L) × 69mm(W) × 36mm(H)

Optional accessories

- Neonatal cuff(6-11cm)
- Pediatric cuff(10-19cm)
- Child cuff(18-26cm)
- Big size adult cuff(33-47cm)
- Neonatal disposable cuff(3.3-5.6cm, 4.2-7.1cm, 5-10.5cm, 6.9-11.7cm)
- Fingertip SpO₂ probe(adult, child)
- Fingerstall SpO₂ probe(adult)
- Integration SpO₂ probe
- Disposable SpO₂ probe(adult, neonatal, child and pediatric)



PM50

PM60A Patient Monitor

Features

- Display of SpO₂, PR, bar graph and pulse waveform.
- Multi-direction display.
- PR sound.
- Audible and visible alarm for over-limit and low battery, and the upper and lower limit of alarm can be set.
- Real-time clock.
- Battery status indication.
- Trend chart/table: storage of latest 96-hour trend data.
- Upload data: data stored in SD card can be uploaded to PC and analyzed by "SpO₂ Assistant" software.
- Charging time: 6h
- Continuous working time: 7h



PM60A

CM400/CM400-NHS PC Monitoring Module

Features

- Be applicable for adult, pediatric and neonate for all-round monitoring.
- Real-time display function.
- Data list and trend chart review.
- Interface can be set according to requirements.
- Case and alarm data can be saved in computer hard disk.
- Audible and visible alarm function, and upper and lower limit of alarm can be set.
- With temperature and blood glucose function(only for CM400-NHS).

Specification

- **ECG**
Lead mode: 3-lead or 7-lead
Gain: 2.5 mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV
HR range: 15~300 bpm
Accuracy: $\pm 1\%$ or ± 1 bpm, whichever is greater
ECG analysis: HR, arrhythmia analysis, ST-segment analysis.
- **NIBP**
Method: Oscillometry
Mode: Manual/AUTO/Continuous
Measurement interval in AUTO mode: 1~90 minutes
Overpressure protection: dual-protection for software and hardware
Range: 10 mmHg~270 mmHg
Accuracy: maximum mean deviation $\leq \pm 5$ mmHg, maximum standard deviation ≤ 8 mmHg
- **SpO₂**
Adopt digital SpO₂ technology, strong in anti-interference capability.
Real-time display of SpO₂, PR, SpO₂ Plethysmogram, bar graph, SpO₂ and PR trend chart.
SpO₂
Range: 0%~100%
Resolution: 1%
Accuracy: 70%~100%, $\pm 2\%$
0%~69%: unspecified
Pulse rate
Range: 30 bpm~250 bpm
Resolution: 1 bpm
Accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater
- **Temperature(CM400-NHS)**
Channel: single channel
Range: 0~50°C
Accuracy: $\pm 0.1^\circ\text{C}$
- **Blood glucose(CM400-NHS)**
Sample: capillary whole blood
Sample type for calibration: vein plasma
Test range: 2.2 mmol/L~27.8 mmol/L(40 mg/dl~500 mg/dl)
Test time: 25s
Calibration curve: automatically select test curve by the correction code
Memory: 220 results
- **Dimension: 189mm(L)×125mm(W)×41mm(H)**



CM400



CM400-NHS

Respiratory Gas CO₂ Monitor Module

Respiratory Gas CO₂ Monitor Module is a clinical equipment for continuous monitoring CO₂. Common infrared absorption spectroscopy is divided into mainstream and sidestream according to gas sampling mode. CO₂-M01 Respiratory Gas CO₂ Monitor Module is designed for sidestream measurement, CO₂-M02 is mainstream measurement. The module provides patient's physiological state for physician or nurse in time, which plays an important role in clinical anesthesia, CPR(Cardiac Pulmonary Cerebral Resuscitation), ICU(intensive care unit) and emergency medicine, etc. They can be used under physician monitoring, and it is applicable for adult, pediatric and neonatal.

Features

- Continuously measure CO₂ concentration in gas, and calculate End-tidal CO₂(EtCO₂), Inspired Minimum CO₂(InsCO₂), AirWay Respiration Rate(AwRR).
- Elegant in appearance, clear in labeling and easy to operate.
- Optional units: mmHg, kPa and %.
- Dimension:103mm(L)×69mm(W)×39mm(H)(CO₂-M01)
- Dimension:51mm(L)×20mm(W)×32mm(H)(CO₂-M02)

Specification

- CO₂ measurement range: 0 to 150 mmHg
- CO₂ measurement accuracy: 0~40 mmHg: ± 2 mmHg
41~70 mmHg: $\pm 5\%$ of reading
71~100 mmHg: $\pm 8\%$ of reading
101~150 mmHg: $\pm 10\%$ of reading
- Respiratory monitoring range: 2rpm~150rpm, accuracy: ± 1 rpm
- Working voltage: DC 5.0V



CO₂-M01

CO₂-M02

RS01 Sleep Apnea Screen Meter

The device is applicable for the people who have obstructive sleep apnea-hypopnea syndrome(OSAHS), chronic obstructive pulmonary diseases(COPD), asthma, vascular disease, also the people over 60 years old. And it can be used in hospital and family.

Features

- 1.8" color OLED.
- Wrist-design.
- Display of SpO₂, PR, pulse and nasal airflow waveform.
- Alarm for low battery, finger-out and over-limit.
- Adjustable backlight brightness.
- Real-time clock.
- Auto-power on/off.
- Multi-case record.
- Built-in card reader, data can be uploaded by the USB cable.
- PC analysis software.
- Dimension: 69mm(L)×50mm(W)×17.3mm(H)



RS01

Resting ECG

ECG80A/ECG100G Electrocardiograph

Features

- 2.7" STN-LCD, accurate and clear ECG waveform display.
- Continuous record for ECG waveform and annotation.
- High-resolution thermal printer achieves real-time print of ECG waveform.
- Multi-language interface.
- Power supply: AC/DC, built-in rechargeable lithium battery.
- Up to 10h standby time, continuous print up to 4h, record up to 160 ECG waveform.
- Paper speed: 25, 50 mm/s ± 5%
- Paper size: 50mm×20m
- Dimension: 190mm(L)×90mm(W)×40mm(H)(ECG80A)
315mm(L)×215mm(W)×77mm(H)(ECG100G)

Optional accessories

- ECG-Sync software
- Disposable ECG electrode
- Bag
- Conductive paste



ECG80A



ECG100G

ECG90A Electrocardiograph

Features

- 2.83" TFT-LCD
- Operation mode: touch screen and function keys.
- Sync collection for 12-lead ECG, display of 3/6/12-lead ECG on one screen.
- Case storage and review function, and ECG waveforms can be displayed accurately and clearly by communicating with PC.
- Synchronous print up to 3-lead ECG and analysis report.
- Multi-language interface.
- Power supply: AC/DC, built-in rechargeable lithium battery.
- 4h standby time, continuous print up to 90 minutes, record up to 100 ECG waveform.
- Paper speed: 6.25, 12.5, 25, 50 mm/s \pm 5%
- Paper size: 50mm \times 20m
- Dimension: 207mm(L) \times 96mm(W) \times 62mm(H)

Optional accessories

- ECG-Sync software
- SD card
- Disposable ECG electrode
- Bag
- Conductive paste



ECG90A

ECG300GA Electrocardiograph

Features

- 2.7" LCD
- Sync collection for 12-lead ECG, display 1/2/3-lead ECG on one screen.
- High-resolution thermal printer achieves real-time print of ECG waveform and reports.
- Built-in memory stores up to 15 cases(optional SD card, store up to 50 cases), convenient for case review and statistic.
- Multi-language interface and report.
- Power supply: AC/DC, built-in rechargeable lithium battery.
- Optional ECG-Sync software achieves sync collection, storage and analysis of ECG data.
- Paper speed: 6.25, 12.5, 25, 50 mm/s \pm 5%
- Paper size: 80mm \times 20m
- Dimension: 315mm(L) \times 215mm(W) \times 77mm(H)

Optional accessories

- ECG-Sync software
- Disposable ECG electrode
- Bag
- Conductive paste
- SD card



ECG300GA

ECG300G/ECG300GT Electrocardiograph

Features

- **ECG300G** : 3.5" color LCD
- **ECG300GT** : 4.3" color LCD, touch screen
- Sync collection for 12-lead ECG, display 3/6/12-lead ECG on one screen.
- High-resolution thermal printer achieves real-time print of ECG waveform and report.
- Built-in memory stores up to 1000 cases, convenient for case review and statistic.
- Multi-language interface and report.
- Power supply: AC/DC, built-in rechargeable lithium battery.
- Optional ECG-Sync software achieves sync collection, storage and analysis of ECG data.
- Paper speed: 5, 6.25, 10, 12.5, 25, 50 mm/s \pm 5%
- Paper size: 80mm \times 20m
- Dimension: 315mm(L) \times 215mm(W) \times 77mm(H)

Optional accessories

- ECG-Sync software
- Disposable ECG electrode
- Bag
- Conductive paste
- SD card



ECG300G



ECG300GT

ECG600G Electrocardiograph

Features

- 7" TFT-LCD
- Operation mode: touch screen and function keys.
- Sync collection for 12-lead ECG, free combination for baseline, AC and EMG filter.
- Store up to 1000 cases, convenient for case review and statistic.
- Clear ECG waveform and working state display, economical to save recording paper.
- User-friendly interface, with low battery alarm and lead-off indication.
- Optional ECG-Sync software achieves sync collection, storage and analysis of ECG data.
- Multi-language interface.
- Power supply: AC/DC, built-in rechargeable lithium battery
- Paper speed: 5, 6.25, 10, 12.5, 25, 50 mm/s \pm 5%
- Paper size: 110mm \times 20m
- Dimension: 315mm(L) \times 215mm(W) \times 92mm(H)

Optional accessories

- ECG-Sync software
- Disposable ECG electrode
- Bag
- Conductive paste



ECG600G

ECG1201 Electrocardiograph

Features

- 5.7" LCD, Monochrome
- Silicone keys.
- Sync collection and print for 12-lead ECG, print mode: 12×1.
- Store up to 1000 cases, convenient for case review and statistic.
- Clear ECG waveform and working state display, economical to save recording paper.
- User-friendly interface, with low battery alarm and lead-off indication.
- Optional languages: Chinese and English
- Power supply: AC:100~240V, 50/60Hz
DC: built-in rechargeable lithium battery, 14.4V/4400mAh
- Paper speed: 6.25, 12.5, 25, 50 mm/s ±5%
- Paper size: 210/216mm×20m
- Dimension: 338mm(L)×280mm(W)×85mm(H)

Optional accessories

- Disposable ECG electrode
- Conductive paste



ECG1201

PM80/PM80S Portable ECG Monitor

Features

- **PM80** : 3.5" TFT-LCD, touch screen
- **PM80S** : 2.7" STN-LCD
- Check ECG rapidly by contact electrode.
- Perfect database management system, cases can be reviewed and deleted.
- TF card stores up to 1000 cases.
- Built-in rechargeable lithium battery.
- Separate or synchronous collection of ECG and SpO₂ data, continuous collection of 8h(only for PM80).
- Continuous collection of 24h ECG data(only for PM80S).
- Dimension: 131mm(L)×74mm(W)×28mm(H)

Optional accessories for PM80

- Integration fingertip SpO₂ probe



PM80



PM80S

ECG1200G Electrocardiograph

Features

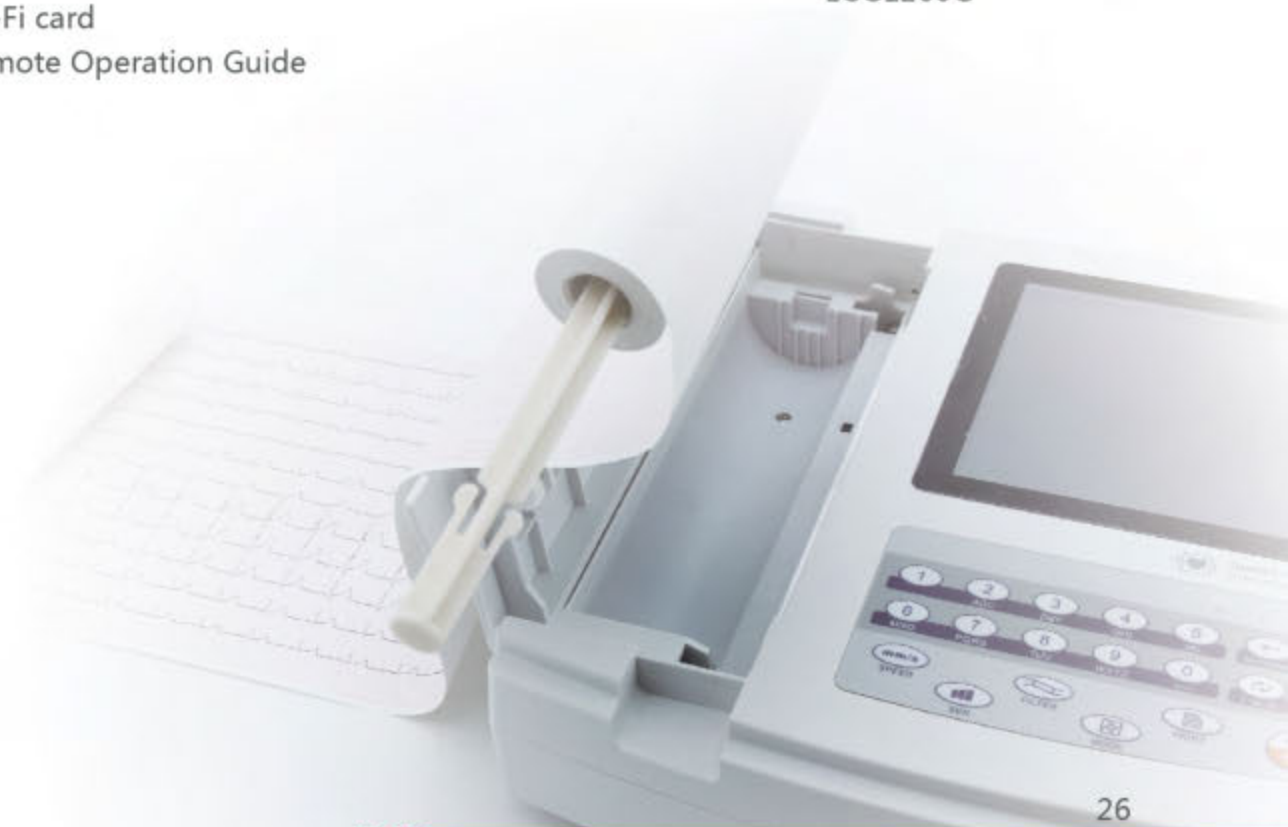
- 8" TFT-LCD
- Operation mode: touch screen and function keys.
- Sync collection for 12-lead ECG, free combination for baseline, AC and EMG filter.
- Store up to 1000 cases, convenient for case review and statistic.
- Clear ECG waveform and working state display, economical to save recording paper.
- User-friendly interface, with low battery alarm and lead-off indication.
- Optional ECG-Sync software achieves sync collection, storage and analysis of ECG data.
- Multi-language interface.
- Power supply: AC:100~240V, 50/60Hz
DC: built-in rechargeable lithium battery, 14.8V/3700mAh
- Paper speed: 5, 6.25, 10, 12.5, 25, 50 mm/s ±5%
- Paper size: 210mm×20m
- Dimension: 340mm(L)×320mm(W)×85mm(H)

Optional accessories

- ECG-Sync software
- Disposable ECG electrode
- Bag
- Conductive paste
- USB cable
- Wi-Fi card
- Remote Operation Guide



ECG1200G



CONTEC8000/CONTEC8000G ECG Workstation

Features

- Real-time data collection, display and save.
- Sync collection and review for 12-lead ECG, and with the analysis functions of spectrum ECG, High Frequency ECG, QT interval Dispersion, Heart Rate Variability (HRV), myocardium ischemia (STLE), Heart rate turbulence (HRT), Pacing ECG, Vector Cardiogram (VCG), Time Vector Cardiogram (TVCG) and SAECG etc.
- Lead intelligent arrangement.
- Locating and diagnosis for coronary heart disease.
- "Chromatogram" and "high-fidelity 12-lead ECG" can be displayed in QT internal Dispersion template.
- Heart Rate Variability (HRV) supports analysis and print for long-case.
- Reports with different formats can be printed according to requirements.
- Powerful and perfect case database management system.
- Different functions can be selected according to requirements.
- Operating system:
 - CONTEC8000 : Windows XP and Win 7(32-bit)
 - CONTEC8000G : Windows XP, Win 7/8(32/64-bit) and tablet PC(android)
- Dimension: 130mm(L)×81mm(W)×24mm(H)(CONTEC8000)
110mm(L)×72mm(W)×20mm(H)(CONTEC8000G)



Holter

TLC4000/TLC5000/TLC9803/TLC6000 Dynamic ECG Systems

Dynamic ECG Systems consist of recorder and analysis software. Recorder features in easy operation, clear interface and plentiful analysis functions, which provides a strong evidence for doctors. It is applicable for use in medical institutions.

Recorder features

- Strong in anti-interference and anti-vibration capability.
- Real-time clock(only for TLC5000, TLC9803 and TLC6000).
- With the functions of waveform preview, record review and event marking(only for TLC5000 and TLC9803).
- Record ECG waveform in detail by high-accuracy and high-sampling frequency recorder.

Software features

- More accurate to identify waveforms by applying the arrhythmia analysis function based on multi-lead slope superimposition and dendriform multilayer classification technology, accurate and high-efficient in waveform classification process by using classification tools and classification methods of parameters and waveforms combined.
- With many pacing templates, such as "Dual chamber pacing" , "Atrial pacing" , "Ventricular pacing" , "Ventricular Pseudofusion" and "Ventricular asynchronous pacing" , etc.
- With more than 10 templates(such as atrial premature beat, ventricular premature beat, long interval, atrial flutter, atrial fibrillation, etc.) and many user-defined modules, which can almost distinguish any kind of pathologic waveforms.
- With analysis functions for 5-minute, 1-hour and 24-hour heart rate variability, and multiform analysis results, such as trend chart, histogram, scatter plot, frequency spectrum, data sheets and etc.
- With multiform analysis modules, such as atrial fibrillation, HRT(heart rate turbulence), DC(deceleration capacity), T-Wave alternation and sleep breath pause syndrome analysis,
- With myocardial ischemia, QTD(QT dispersion), VCG(vector cardiogram), VLP(ventricular late potential) and TVCG(time vector cardiogram) analysis modules(only for TLC4000, TLC5000 and TLC6000).



Recorder parameters

	TLC4000	TLC5000
Lead	12-lead	12-lead
Memory	Flash	MicroSD(2GB)
Record time	24h	24h
Power supply	Two "AA" batteries	Two "AA" batteries
Screen	No	1.8" OLED
Interface	USB 2.0	
Dimension	99mm(L)×69mm(W)×30mm(H)	111mm(L)×60mm(W)×25mm(H)

	TLC9803	TLC6000
Lead	3-lead	12-lead
Memory	MicroSD(2GB)	MicroSD(2GB)
Record time	24h	24-48h
Power supply	Two "AA" batteries	One "AAA" battery
Screen	1.8" OLED	0.96" OLED
Interface	USB 2.0	
Dimension	111mm(L)×60mm(W)×25mm(H)	80.5mm(L)×59.5mm(W)×22mm(H)



TLC4000



TLC5000/TLC9803



TLC6000

Stress Test

CONTEC8000S Stress ECG System

Features

- Real-time ECG waveform print during collecting, record and save ECG data in whole process.
- Real-time ST segment change observation, lead selected by user can be magnified, and ST segment data can be calculated automatically.
- Adopt anti-interference technology, which ensures stable baseline and reduces the influence for ECG waveform arising from EMG interference, baseline drift and AC interference.
- Standard and user-defined exercise protocol are optional, automatic and instantaneous print function and BP measurement prompt can be set according to exercise phase.
- Events can be marked during exercising, and the marked Event ECG waveform can be used to compare with current ECG waveform. After exercising, events can be checked, edited and printed.
- Display and print different trend charts, including HR, BP, METS, HR*BP, exercise trend, ST segment level/change/slope/three-dimension/J-level and ST/HR, etc.
- Static and dynamic review function, which is convenient to review the whole process of exercising.
- Import/Export case function, to save cases with the mode of compressed files, which saves disk space. PC software is correlative with the file type of operating system, more simply and quickly to import cases.
- Collect ECG data by wireless mode, which improves anti-interference capacity.
- Support a variety of sport equipments at home and abroad.
- Dimension for collection box: 95mm(L)×65mm(W)×30mm(H)

Specification

- Lead: Standard 12-lead
- Sampling frequency: up to 1000Hz
- Sampling accuracy: up to 24-bit
- Power supply for Launch box: two "AA" batteries
- Communication mode: Wi-Fi

Specification of the Treadmill

- Input voltage: 220V±15%(50/60Hz)
- Motor power: 2200W
- Working temperature: 5°C~40°C
- Speed range: 1.0~16km/h
- Incline range: 0%~22%



CONTEC8000S

EEG

KT88/KT88-2400/KT88-3200 Digital Brain Electric Activity Mapping

The Digital Brain Electric Activity Mapping collects EEG signal by electrodes, via auto-analysis and FFT, to form electroencephalogram. They are applicable for checking such diseases as epilepsy, intracranial inflammation, cerebrovascular diseases and brain tumors.

Features

- Channels:
KT88 : 16-channel EEG + 2-channel ECG(optional)
KT88-2400 : 19-channel EEG+5-channel multi-parameter (including: 1-channel ECG + 1-channel EMG+ 2-channel EOG + 1-channel respiration)(optional)
KT88-3200: 32-channel EEG
- Display speed(paper speed): 5, 10, 15, 30, 60, 120 mm/s, gain: 1, 1.5, 2, 3, 5, 7.5, 10, 12, 15, 20, 30, 50mm/50 μ V, Playback speed: 1, 2, 3, 10, 20, 40, 60 times
- Multifunctional digital filter systems, user can freely set low-pass, high-pass, band pass and band stop filter.
- Electronic frequency ruler with partial magnification window, to accurately measure EEG cycle, amplitude and frequency, and which can be adjusted according to requirements.
- User-defined events can be added, waveform color for evoked event can also be freely set, ensures that the waveform in corresponding time can be rapidly found by event name during case playback.
- Powerful and automatic analysis function, display of many charts(including kinds of BEAM, numerical BEAM, compressed spectrum chart, trend chart, etc.) on one screen.
- Multifunctional flash stimulator with USB interface, which can control flashlight manually or automatically. A flashlight stimulation scheme can be set and performed in the process of collection.

- Perfect case management function, provides many means for research and fast statistic information, which is convenient for exporting and importing cases.
- Integrative image and character report, report mode can be edited and switched to Word document.
- With the functions of converting case files into EDF and BDF data format, which is convenient for data interchange and academic exchange.
- System parameters and display modes can be set according to requirements.
- Marks and annotations can be added to the waveform designated, which can rapidly find the waveform in that time by marks.
- Optional functions: video, SpO₂.



KT88



KT88-2400



KT88-3200

CMS2100/CMS4100 Dynamic EEG System

Features

- CMS2100 : 8-channel EEG
- CMS4100 : 16-channel EEG
- 2.83" TFT-LCD
- Battery: two rechargeable lithium batteries
- 24-hour carrying record; user can take normal activities; which is convenient for monitoring and grasping the concealed and moment EEG pathological waveform.
- Function of case contrast, which can simultaneously view and contrast the waveforms of the two different cases or the same case waveform in different time.
- System parameters can be set as required, which meets different requirements.
- Editing of the EEG waveform segments, select any segment of EEG waveform for analyzing and storing. Provide Compressed Spectral Array chart, and with many analysis charts, such as EEG and three-dimensional relief map.
- Pathologic wave auto-analysis system provides data statistics for spike wave, sharp wave, slow-wave, spike-sharp wave and spike-slow wave, etc. And trend chart for full pathologic wave, click Trend chart to synchronously browse EEG.
- Perfect case management function, provides many means for research and fast statistic information.
- Function of converting case files to standard data format (EDF/BDF) in America, convenient for data exchange, academic exchange and further analysis.
- Multifunctional digital filter systems, and user can freely set low-pass, high-pass, band pass and band stop filter.
- Partial magnification window, to accurately measure EEG cycle, amplitude and frequency, and which can be adjusted according to requirements.
- Marks and annotations can be added to the waveform designated, which can rapidly find the waveform in that time by marks.
- Integrative image and character report, report mode can be edited, and several report templates are provided.
- Optional: Bluetooth sync collection module.



CMS2100



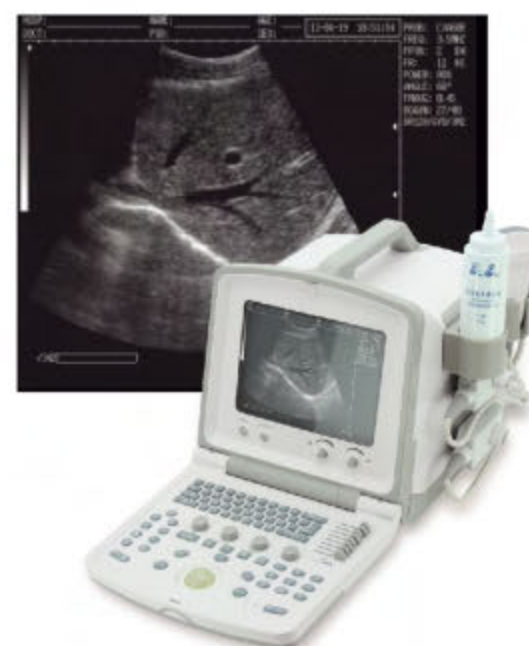
CMS4100

Ultrasound Imaging

CMS600B2/CMS600B3 B-Ultrasound Diagnostic System

Features

- CMS600B2 : 10" CRT display.
- CMS600B3 : 12" LCD.
- Portable and integrated design, easy and convenient to operate with backlight silicone keyboard and trackball.
- Be applicable for examination of abdomen, gynecology and obstetrics, cardiology, small organs and urology.
- Clear and stable image, PAL-D output, external video printer and display can be connected.
- Upload real-time image to PC by USB interface.
- Images can be stored in U disk.
- With the functions of image storage, partial magnification, up/down conversion, left/right conversion, black/white conversion, large-capacity cine loop, multi-level scanning depth, dynamic range, acoustic power, adjustments of frame correlation, focus position and focus number.
- Reports can be generated automatically.
- Two probe interfaces, optional probes: 3.5MHz convex probe, 5.0MHz micro-convex probe, 6.5MHz transvaginal probe, 7.5MHz linear probe and 7.5MHz transrectal probe.
- Dimension: 291mm(L)×365mm(W)×300mm(H)(CMS600B2)
304mm(L)×222mm(W)×289mm(H)(CMS600B3)



CMS600B2



CMS600B3

CMS600B1/CMS600C2 B-Ultrasound Diagnostic System

Features

- **CMS600B1** : 10" CRT display.
- **CMS600C2** : 14" CRT display.
- Full-digital B-Ultrasound Diagnostic System.
- Be applicable for examination of abdomen, gynecology and obstetrics, cardiology, small organs and urology.
- High-quality image can be provided by adopting full-digital beam forming technology and central processing module with high performance.
- Powerful computer platform achieves abundant image processing, user-friendly interface and management system, flexible expansibility and compatibility.
- Convenient to operate by navigation system, optional function: three-dimensional reconstruction.
- Multi-interface design, meets the requirements of image transmission and connecting external equipment.
- Be compatible with ink jet printer, laser printer and video printer.
- Two probe interfaces, optional probes: 3.5MHz convex probe, 3.5MHz micro-convex probe, 6.5MHz transvaginal probe, 7.5MHz linear probe and 7.5MHz transrectal probe.
- Dimension: 340mm(L)×350mm(W)×280mm(H)(**CMS600B1**)
530mm(L)×680mm(W)×1330mm(H)(**CMS600C2**)



CMS600B1



CMS600C2

CMS600P2 B-Ultrasound Diagnostic System

Features

- 10" LCD.
- Laptop device with embedded operating system, rich in software packages.
- Be applicable for examination of abdomen, gynecology and obstetrics, cardiology, small organs and urology.
- Adopt tissue harmonic imaging(THI) technology, reports can be printed and exported.
- Near gain, far gain and total gain can be set separately.
- Images can be stored in the device or U disk.
- Be compatible with ink jet printer, laser printer and video printer.
- Optional probes: 3.5MHz convex probe, 3.5MHz micro-convex probe, 6.5MHz transvaginal probe, 7.5MHz linear probe.
- Dimension: 292mm(L)×232mm(W)×45mm(H)



CMS600P2



CMS600P/CMS600S B-Ultrasound Diagnostic System

Features

- **CMS600P** : 10" LCD.
- **CMS600S** : 7" LCD.
- Be applicable for examination of abdomen, small organs and obstetrics.
- Easy, convenient and sensitive to operate with touch keyboard and trackball(mouse for CMS600S).
- Power mode: AC adapter and built-in rechargeable battery.
- Upload real-time image to PC by USB interface.
- Be compatible with video printer.
- One probe interface, optional probes: 3.5MHz convex probe, 5.0MHz micro-convex probe, 6.5MHz transvaginal probe, 7.5MHz linear probe and 7.5MHz transrectal probe.
- Dimension:
292mm(L)×230mm(W)×47mm(H)(**CMS600P**)
265mm(L)×153mm(W)×46mm(H)(**CMS600S**)



CMS600P

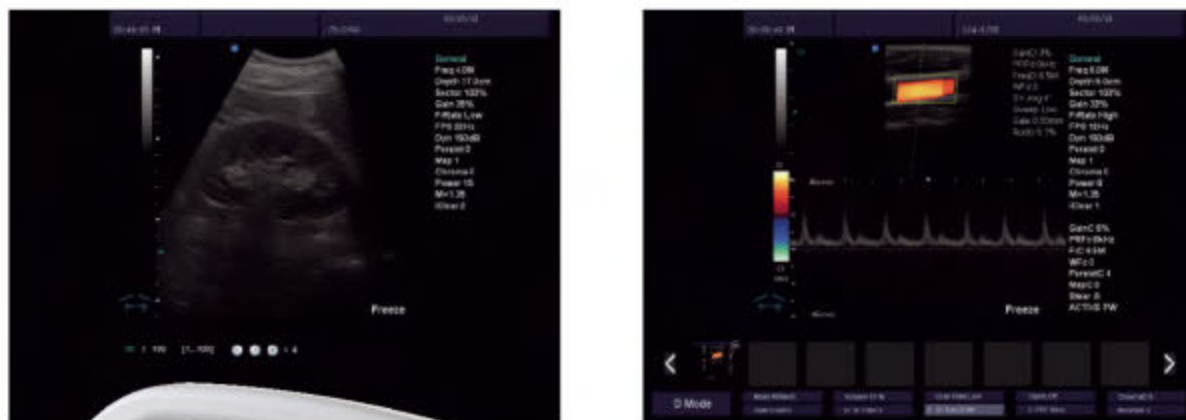


CMS600S

CMS1900 Color Doppler Ultrasonic Diagnostic System

Features

- 15" LCD.
- Be applicable for examination of abdomen, gynecology and obstetrics, cardiology, peripheral vessels, small organs and urology.
- Easy and convenient to operate with keyboard, and with shortcut keys.
- Adopt advanced image processing technology, such as frame correlation, wall filter, color code graph and image edge enhancement.
- Scientific probe matching avoids waste of ultrasonic energy, improves detection capability and image definition.
- High-effective Doppler technology: Doppler frame correlation, Doppler quick optimization, wall filter, transmission coding control.
- Be compatible with ink jet printer, laser printer and video printer.
- Two probe interfaces, optional probes: 3.5MHz convex probe, 3.5MHz micro-convex probe, 6.5MHz transvaginal probe, 9.0MHz linear probe.
- Dimension: 370mm(L)×150mm(W)×400mm(H)



CMS1900

Pocket Fetal Doppler

Baby Sound A/Baby Sound B Pocket Fetal Doppler

Features

- Integrated design for probe and host.
- Double headphone jacks.
- High-sensitivity ultrasound probe.
- Screen will be locked automatically when there is no signal for 15s, convenient to observe(only for Baby Sound B).
- Low power consumption, continuously work for more than 8-hour with two "AAA" batteries.
- Equipment with audio recording can be connected by the audio interface, achieves real-time record of fetal heart sound.



Baby Sound A

Baby Sound B

Sonoline A/Sonoline B/Sonoline C1 Pocket Fetal Doppler

Features

- Built-in speaker.
- Display FHR by LCD(only for Sonoline B and Snoline C1).
- Three working modes: real-time FHR, average FHR and manual calculation(only for Sonoline B and Sonoline C1).
- Automatic power-off when there is no operation for one minute(only for Sonoline B and Sonoline C1).
- Equipment with audio recording can be connected by the audio interface, achieves real-time record of fetal heart sound.
- Low power consumption, continuously work for more than 8-hour with two "AA" batteries.
- Optional probes: 2, 3, 4, 5, 8MHz probe.



1 | 2
3

- 1.Sonoline A
- 2.Sonoline B
- 3.Sonoline C1

Sonoline C/Sonoline C2 Pocket Fetal Doppler

Features

- Built-in speaker.
- TFT-LCD, real-time display of FHR.
- Three working modes: real-time FHR, average FHR and manual calculation.
- Display of FHR, bar graph and heartbeat waveform, red alarm for abnormal FHR.
- Data storage and review functions, and case stored can be uploaded to PC for displaying and printing (only for Sonoline C2).
- Low power consumption, continuously work for more than 8-hour with two "AA" batteries.
- Indication for probe-off and low battery.
- Optional probes: 2, 3, 4, 5, 8MHz probe(only for Sonoline C).



Sonoline C2

Sonoline H Pocket Fetal Doppler

Features

- Handheld and integrated design.
- Auto identification for probe connection.
- Data display, storage and review functions.
- Audible and visible alarm for abnormal FHR.
- Case database management function, achieves inquiry, modification and print for patient information.



Sonoline H



Fetal Monitoring

CMS800G/CMS800G1 Fetal Monitor

Features

- 8.0" LCD, 60° convertible screen.
- 9-crystal and broad beam transducer.
- Audible and visible reminder.
- Data storage, review and print of continuous 12-hour.
- Optional twins monitoring.
- Communicate with Central Monitoring System.
- Continuously work for 3-hour with built-in rechargeable battery(only for CMS800G1).
- Thermal printer uses Z-fold paper.



CMS800G/CMS800G1

CMS800G2 Fetal Monitor

Features

- 7.0" touch screen.
- 9-crystal and broad beam transducer.
- Audible and visible reminder.
- Data storage, review and print of continuous 12-hour.
- Optional twins monitoring.
- Continuously work for 3-hour with built-in rechargeable battery.
- Communicate with Central Monitoring System by built-in wireless network card(optional).



CMS800G2

CMS800F Maternal/Fetal Monitor

Features

- 8.0" LCD, 60° convertible screen.
- 9-crystal and broad beam transducer.
- Audible and visible reminder.
- Data storage, review and print of continuous 12-hour.
- Optional twins monitoring.
- Communicate with Central Monitoring System.
- Thermal printer uses Z-fold paper.
- Mother's SpO₂, PR, ECG and NIBP can be measured.
- Parameters and waveforms can be set.



CMS800F

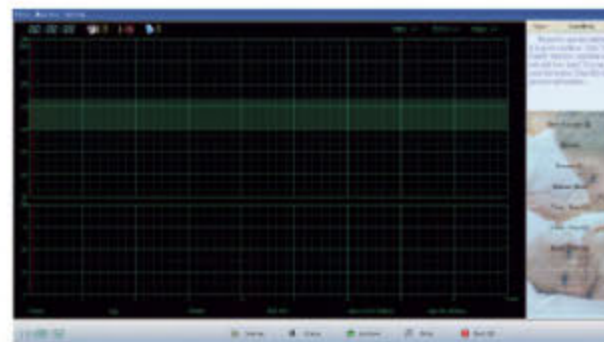
CMS800H Fetal Monitor System

Features

- All parameters can be displayed by connecting PC with USB interface.
- 9-crystal and broad beam transducer.
- Audible and visible reminder.
- Real-time record and print.
- User-friendly and multi-language interface.



CMS800H



Pulse Oximeter

The pulse oxygen saturation is the percentage of HbO₂ in the total Hb in the blood, so-called O₂ concentration in the blood, which is an important physiological parameter for the respiration system.

Pulse Oximeter can check SpO₂ through the finger, so they are applicable for use in clinic, hospital, first aid, oxygen bar, community healthcare, sports, aviation and homecare, etc. and especially for the people with unstable hemoglobin, such as:

- People with blood vessel diseases (Congestive Heart Failure, High Pressure, Hyperlipidemia, etc) and respiratory system disease (Asthma, Trachitis, Chronic Obstructive Pulmonary Disease, etc).
- Aged people.
- People addicted to alcohol.
- People working in high elevation area.
- People in sub-healthy condition or who concern their health.

CMS50DL/CMS50DL1/CMS50EL/CMS50L Pulse Oximeter

Features

- LED display.
- Big character display.
- Display of SpO₂, PR and bar graph.
- Low battery indication.
- Automatic power off when the finger leaves the device for 5s.
- Optional enclosure color (only for CMS50DL).
- Audible announcement of PR and SpO₂ value (only for CMS50L).
- Power supply: two "AAA" batteries (only for CMS50DL, CMS50DL1 and CMS50L).
Rechargeable lithium battery, charging time: 2h (only for CMS50EL).
- Continuous working time: CMS50DL: 24h
CMS50DL1: 30h
CMS50EL/CMS50L: 10h



CMS50DL



CMS50DL1



CMS50EL



CMS50L

CMS50D/CMS50D+/CMS50D1/CMS50ED Pulse Oximeter

Features

- 0.96" dual-color OLED display(blue and yellow).
- Display of SpO₂, PR, bar graph and pulse waveform.
- Four directions and six display modes.
- Adjustable brightness(only for CMS50D, CMS50D1 and CMS50ED).
- Low battery indication.
- Automatic power off when the finger leaves the device for 5s.
- Display mode can be saved after power off.
- Audible and visible alarm for over-limit(only for CMS50D+).
- PR sound(only for CMS50D+).
- Continuous 24h storage for SpO₂ and PR value, data stored and real-time data can be uploaded to PC(only for CMS50D+).
- Optional enclosure color(only for CMS50D and CMS50D1).
- Power Supply: two "AAA" batteries(only for CMS50D, CMS50D+ and CMS50D1).
Rechargeable lithium battery, charging time: 2h(only for CMS50ED).
- Continuous working time: CMS50D/CMS50D1: 20h

CMS50D+: 24h
CMS50ED: 10h



CMS50D



CMS50D+



CMS50D1



CMS50ED

CMS50QA/CMS50QB Pulse Oximeter

Features

- CMS50QA: segment LCD display
- CMS50QB: 0.96" dual-color OLED display(blue and yellow)
- Display of SpO₂, PR and bar graph.
- Display of pulse waveform(only for CMS50QB).
- Four display modes(only for CMS50QB).
- Automatic power off when the finger leaves the device for 5s.
- Audible and visible alarm for over-limit and low battery.
- PR sound.
- Be especially applicable for children.
- Optional enclosure color.
- Charging time: 3h
- Continuous working time: 6h



CMS50QA



CMS50QB

CMS50E/CMS50EW/CMS50H Pulse Oximeter

Features

- 1.3" color OLED display.
- Menu operation.
- Display of SpO₂, PR, bar graph and pulse waveform.
- Multi-direction display.
- Adjustable brightness.
- PR sound.
- Battery status indication.
- Audible and visible alarm for over-limit and low battery, and the upper and lower limit of alarm can be set.
- Continuous 24h storage for SpO₂ and PR value, data stored and real-time data can be uploaded to PC.
- Automatic power off when the finger leaves the device for 5s.
- CMS50E, CMS50EW, CMS50H can connect SpO₂ probe(for CMS50E, only be applicable for Ver6.6R or above software version).
- Wireless transmission(only for CMS50EW).
- Display of PI(perfusion index) value(only for CMS50H).
- Automatic steering function(only for CMS50H).
- Charging time: 4h
- Continuous working time: 20h



CMS50E/CMS50EW



CMS50H

CMS50F/CMS50FW/CMS50I/CMS50IW Pulse Oximeter

Features

- CMS50F/CMS50FW : 1.3" color OLED display
- CMS50I/CMS50IW : 1.5" color OLED display
- Menu operation.
- Display of SpO₂, PR, bar graph and pulse waveform.
- Multi-direction display.
- Adjustable brightness.
- PR sound.
- Real-time clock.
- Battery status indication.
- Audible and visible alarm for over-limit and low battery, and the upper and lower limit of alarm can be set.
- Continuous 24h storage for SpO₂ and PR value, and data stored can be uploaded to PC.
- Real-time data can be uploaded to PC(only for CMS50FW and CMS50IW).
- Wireless transmission(only for CMS50FW and CMS50IW).
- Multi-time segment storage(only for CMS50I and CMS50IW).
- Display of PI value(only for CMS50I and CMS50IW).
- Charging time: 4h
- Continuous working time: 24h



CMS50F/CMS50FW



CMS50I/CMS50IW

CMS60C/CMS60CW/CMS60D/CMS60DW/CMS60F/CMS60FW Pulse Oximeter

Features

- CMS60C/CMS60CW : 1.77" TFT color LCD
- CMS60D/CMS60DW : 1.8" color OLED display
- CMS60F/CMS60FW : 2.8" TFT color display
- Menu operation.
- Display of SpO₂, PR, bar graph and pulse waveform.
- Display mode can be changed(only for CMS60C and CMS60CW).
- Adjustable brightness.
- PR sound.
- Battery status indication.
- Audible and visible alarm for over-limit and low battery, and the upper and lower limit of alarm can be set.
- Data stored and real-time data can be uploaded to PC.
- Wireless transmission(only for CMS60CW, CMS60DW and CMS60FW).
- Review function(only for CMS60D, CMS60DW, CMS60F and CMS60FW).
- Real-time clock(only for CMS60D, CMS60DW, CMS60F and CMS60FW).
- Display of PI value(only for CMS60F and CMS60FW).
- Touch keys(it can be locked) operation(only for CMS60F and CMS60FW).
- Power supply:
Two "AA" batteries(only for CMS60D and CMS60DW).
Rechargeable lithium battery(only for CMS60C, CMS60CW, CMS60F and CMS60FW).
- Charging time: CMS60C/CMS60CW : 4h
CMS60F/CMS60FW : 6h
- Continuous working time: CMS60C/CMS60CW : 26h
CMS60D/CMS60DW : 32h
CMS60F/CMS60FW : 10h



CMS60C/CMS60CW



CMS60D/CMS60DW



CMS60F/CMS60FW

CMS70A Pulse Oximeter

Features

- Display of SpO₂, PR, bar graph, PI and pulse waveform.
- Menu operation.
- Adjustable brightness.
- PR sound.
- Audible and visible alarm for over-limit and low battery, and the upper and lower limit of alarm can be set.
- Battery status indication.
- Data stored and real-time data can be uploaded to PC.
- Charging time: 6h
- Continuous working time: more than 1h



CMS70A



NIBP Series

CONTEC08A/CONTEC08C Electronic Sphygmomanometer

Features

- CONTEC08A : color LCD.
- CONTEC08C : 7-segment LCD.
- Full-automatic NIBP measurement.
- Memory for three-user data, which meets the requirements for whole family.
- Optional units: mmHg and kPa.
- Automatic power-off when there is no operation for several minutes.
- Low battery indication.
- Optional SpO₂ function(SpO₂ probe is necessary).
- Data review interfaces with "Data list"(only for CONTEC08A), "Trend chart"(only for CONTEC08A) and "Big font" ensure parameters are displayed clearly.
- Communicate with PC, to achieve the functions of data review, result analysis, trend chart observation, reports print, etc.
- Dimension: 130mm(L)×110mm(W)×80mm(H)

Only for CONTEC08A

- Measurement mode: adult, pediatric and neonatal.
- Memory: blood pressure results, measurement date and time.

Optional accessories

- Dry battery
- Power adapter
- Ni-MH rechargeable battery
- Ni-MH and Ni-Cd battery charger.
- Neonatal cuff(6-11cm)(only for CONTEC08A)
- Pediatric cuff(10-19cm)(only for CONTEC08A)
- Child cuff(18-26cm)(only for CONTEC08A)
- Big size adult cuff(33-47cm)
- Fingertip SpO₂ probe(adult, child)
- Fingerstall SpO₂ probe(adult)
- Integration SpO₂ probe
- Disposable SpO₂ probe(adult, neonatal, child and pediatric)



CONTEC08A



CONTEC08C

CONTEC08D/CONTEC08E Electronic Sphygmomanometer

Features

- CONTEC08D : 7-segment LCD.
- CONTEC08E : color LCD.
- Be applicable for adult.
- Start measuring manually, record each measurement data, and store up to 99 groups of data.
- Low battery and error information indication.
- Optional SpO₂ function: switch to main interface automatically after inserting the SpO₂ probe.
- Automatic power-off when there is no operation for several minutes.
- Optional units: mmHg and kPa.
- Memory for blood pressure results, measurement date and time, BP list and trend chart with small font(only for CONTEC08E).
- Dimension: 132mm(L)×130mm(W)×50mm(H)

Optional accessories

- Big size adult cuff(33-47cm)
- Fingertip SpO₂ probe(adult, child)
- Fingerstall SpO₂ probe(adult)
- Integration SpO₂ probe
- Disposable SpO₂ probe(adult, neonatal, child and pediatric)



CONTEC08D



CONTEC08E

CONTEC09A/CONTEC09C Electronic Sphygmomanometer

Features

- CONTEC09A : color LCD.
- CONTEC09C : 7-segment LCD
- Data review function, store up to 99 groups of data.
- Automatic inflation and deflation for cuff.
- Low battery indication and alarm.
- Optional units: mmHg and kPa.
- Optional SpO₂ probe.
- Automatic position detection, which is used to prompt users for accurate measurement posture.
- Dimension: 71mm(L)×60.3mm(W)×39.5mm(H)



CONTEC09A



CONTEC09C

CONTEC06 Blood Pressure Monitor

Features

- Particular self-recognition system. If measurement is unsuccessful, the device can automatically measure again after two minutes.
- 24h ambulatory blood pressure can be measured and stored.
- Perfect combination for automatic and manual measurement.
- Alarm for low battery.
- Communicate with PC, to achieve the functions of data review, result analysis, trend chart observation, reports print, etc.
- Measurement interval in AUTO mode: 5, 10, 15, 20, 30, 45, 60, 90, 120 minutes.
- Dimension: 123mm(L)×67mm(W)×32mm(H)

Optional accessories

- Big size adult cuff(33-47cm)



CONTEC06

ABPM50 Ambulatory Blood Pressure Monitor

ABPM50 is a hand-held ambulatory blood pressure monitor designed according to oscillography principle, which can continuously monitor the blood pressure within 24h. It offers an accurate basis for doctor diagnosis, which is applicable for use in hospital, clinic and family for routine test.

Features

- Be applicable for adult, pediatric and neonate.
- Ambulatory blood pressure monitoring for 24h, store up to 350 measurement results.
- Perfect combination for automatic and manual measurement, and store up to 300 measurement results in Manual mode.
- 2.4" color TFT-LCD.
- Data review interfaces with "Data list", "Trend chart", "Big font" ensure blood pressure parameters are displayed clearly.
- Display of low battery, alarm information, error information and time.
- Optional units: mmHg and kPa.
- User-defined parameters alarm function.
- Communicate with PC, to achieve the functions of data review, result analysis, trend chart observation, reports print, etc.
- Measurement interval in AUTO mode: 15, 30, 60, 120, 240 minutes.
- Dimension: 128mm(L)×69mm(W)×36mm(H)

Optional accessories

- Neonatal cuff(6-11cm)
- Pediatric cuff(10-19cm)
- Child cuff(18-26cm)
- Big size adult cuff(33-47cm)
- Neonatal disposable cuff(3.3-5.6cm, 4.2-7.1cm, 5-10.5cm, 6.9-11.7cm)



ABPM50

In-Vitro Diagnostics

BC300 Semi-auto Biochemistry Analyzer

BC300 Semi-auto Biochemistry Analyzer measures biochemical indexes by analyzing blood and other body fluids combined with other clinical information, to help diagnose disease, evaluate organs function, identify disease gene and determine the norm for future therapy.

Features

- Based on Linux operating system, color graphical interface.
- Operate by touch screen, function keys or external USB mouse, keyboard.
- Optional measurement methods (End point, Two-point, kinetics, double wavelength, etc.) and calculation methods (factor, linear regression, nonlinear regression, etc.).
- Optional print modes and report formats.
- Set two quality-control for each item, automatically draw QC chart, store QC data and chart within one year, which can be checked and printed.
- Auto-dormancy for the lamp to prolong its life.
- Power-off protection function: automatically save measurement results.
- Self-check function: alarm for light path, liquid path and mechanical components failure.
- Standard communication interface, convenient for data transmission and processing.

Specification

- Absorbency range: -0.3~3.0 Abs
- Resolution: 0.001 Abs(display), 0.0001 Abs(internal calculation)
- Light source: Halogen lamp
- Wavelength: 340, 405, 510, 546, 578, 620nm and 2 free positions
- Stability: $\leq 0.005A/30min$
- Half-bandwidth: $\leq 12nm$
- Temperature control: 25°C, 30°C, 37°C, room temperature
- Temperature accuracy: $\pm 0.1^\circ C$
- Colorimetric cell: 30 μ l
- Sample volume: 0~6000ul
- Cross contamination: $\leq 1.0\%$
- Memory: 500 test items, 10000 test results
- Interface: standard RS232 interface, 4 USB interfaces, Ethernet interface
- Display: 7" color LCD
- Print: built-in thermal printer or connect external printer
- Processor: embedded high-speed processor
- Power supply: AC 100V~240V, 50/60Hz
- Dimension: 410mm(L)×340mm(W)×150mm(H)



BC300

BC400 Urine Analyzer

BC400 Urine Analyzer is a high-accurate and intellectual device which is researched and developed basing on modern optics, electronics, computer science, etc. It features in easy operation, accurate result and good repeatability.

Features

- High-luminance and white LED, features in long life and good stability.
- Optional languages: Chinese and English.
- User-friendly interface.
- Optional units: international unit, conventional unit and symbol system.
- Monitor the whole test process, with character and audible prompt.

Specification

- Test items: GLU, BIL, SG, KET, BLD, PRO, URO, NIT, LEU, VC, PH.
- Test principle: RGB color
- Repeatability: $CV \leq 1\%$
- Stability: $CV \leq 1\%$
- Display: 2.8" color LCD.
- Working mode: one-step, slow-series and fast-series
- Test speed: 120 tests/h or 60 tests/h
- Memory: 1000 sample data which can be freely checked by test date and sample number.
- Print: built-in thermal printer
- Interface: standard RS232 and USB interface
- Power supply: AC 100V~240V, 50/60Hz
- Dimension: 240mm(L)×220mm(W)×130mm(H)



BC400

BC401 Urine Analyzer

BC401 is a portable device which can test 11 indexes in urine. And it is applicable for use in hospital.

Features

- High-luminance and white LED, features in long life and good stability.
- Optional languages: Chinese and English.
- Store test results for each user, convenient to use.
- Memory: 500 sample data which can be freely checked by test date and sample number.
- Data transmission function.
- User-friendly interface.

Specification

- Test items: GLU, BIL, SG, KET, BLD, PRO, URO, NIT, LEU, VC, PH.
- Test principle: RGB color
- Repeatability: $CV \leq 1\%$
- Stability: $CV \leq 1\%$
- Display: 2.4" color LCD
- Working mode: one-step
- Power supply: DC 5V, built-in rechargeable lithium battery
- Dimension: 126mm(L)×73.5mm(W)×30mm(H)

Application

- Health examination.
- Chronic diseases, especially long-term monitoring for nephrotic patients.
- Point of care testing(POCT), convenient for doctor to use.
- Portable device, it is a good helper for village doctors.
- Use as a telemedicine terminal.



BC401

BG01 Blood Glucose Meter

BG01 is a device for testing glucose in capillary whole blood, which is applicable for use in medical institutions and monitor blood glucose for diabetic or other people.

Performance

- Test strip: specified blood glucose test strip
- Sample: capillary whole blood
- Blood size: about 3ul
- Test range: 2.2 mmol/L~27.8 mmol/L(40mg/dl~500mg/dl)
- Test time: 25s
- Calibration curve: automatically select test curve by the correction code
- Battery: two "AAA" batteries
- Battery life: about 1000 tests
- Memory: 220 results, and automatically calculate the average value of 7-day, 14-day and 28-day.
- Test temperature: 10°C~35°C
- Test humidity: ≤80%
- Dimension: 85mm(L)×67mm(W)×25mm(H)



BG01

SPIROMETER

SP10/SP10W SPIROMETER

Features

- High-resolution color LCD.
- FVC, FEV1, PEF, FEV1%, FEF25, FEF75, FEF2575 can be measured.
- Display of waveform and trend chart.
- Display of testee' s health condition.
- Measurement data can be stored, deleted, uploaded and reviewed.
- Wireless transmission(only for SP10W).
- Scaling(Calibration).
- Clock function.
- Auto power-off.
- Rechargeable lithium battery, with power indication.
- Dimension: 97mm(L)×89mm(W)×36mm(H)



SP10/SP10W



SPM-A/SPM-W SPIROMETER

Features

- Analyze and display measurement results by PC software.
- FVC, VC and MVV can be measured.
- Display real-time respiration waveform by flow-volume loop and volume-time chart.
- Scaling(Calibration).
- Display of trend chart.
- Display of environment temperature.
- Wireless transmission(only for SPM-W).
- Auto power-off(only for SPM-W).
- Rechargeable lithium battery, with power indication (only for SPM-W).
- Dimension: 130mm(L)×48mm(W)×70mm(H)



SPM-A/SPM-W



Infusion/Syringe Pump

SP750 Infusion Pump

Features

- High-accuracy infusion control, compatible with most standard IV sets.
- With reminder function for starting infusion.
- A.B.S—ANTI BOLUS system prevents instantaneous high-dose injection from the sudden obstruction disappearing.
- Update software by USB interface.
- 3.5" TFT-LCD.
- Accompanying IV-set clamp prevents liquid flowing freely if the pump door opens accidentally.
- Infusion parameters can be saved after power-off.

Performance

- Flow rate: 1ml/h~699ml/h, increment: 1ml/h
- Volume limit: 1~9999ml, increment: 1ml
- Accuracy: $\pm 5\%$ (use IV set calibrated)
- KVO(keep vein open) rate: 1~5ml/h(it can be adjusted by professional medical personnel)
- Display information: flow rate, volume limit, accumulated infusion volume, residual time
- Alarm functions: infusion reminder, door open, occlusion, air bubble, motor failure, communication failure, near end, KVO state, low battery and no power, pressure failure.
- Power supply: AC 100~240V, 50/60Hz or DC 12V
Rechargeable lithium battery, DC 7.4 V/3500 mAh
- Dimension: 197mm(L) \times 145mm(W) \times 135mm(H)



SP750

SP800 Infusion Pump

SP800 can continuously and accurately control flow rate, which meets different requirements for Modern Clinical Medicine.

Features

- Particular pump door design.
- 2.7" LCD.
- Accurate and adjustable in flow rate.
- Compatible with most standard IV sets.
- Alarm information: near end, occlusion, low battery, motor failure, no AC.

Performance

- Flow rate: 1~2000 mL/h
- Bolus rate: 600 mL/h
- Volume limit: 1~9999mL
- Accuracy: $\pm 5\%$
- Power supply: AC100 ~ 240V, 50 /60 Hz

Rechargeable lithium battery, DC 7.4V/1600mAh

Display information: flow rate, volume limit, accumulated infusion volume, indication for battery power, charge and power connection

Dimension: 120mm(L) \times 140mm(W) \times 190mm(H)



SP800

SP500 Syringe Pump

SP500 syringe pump is applicable for use in hospital for accurately and continuously injecting liquid or drug at a constant flow rate.

Features

- Identify syringe specification automatically.
- Enter KVO mode after injection is over, adjustable KVO rate.
- Syringe manufacturer can be changed according to requirements, to ensure accuracy.
- Alarm for occlusion, abnormal syringe and low battery.
- The motor enters to reverse state after occlusion alarm appears, and stops running up to pressure threshold.
- Dual-CPU control, more safe and reliable in injection process.

Performance

- Syringe specification: 10ml, 20ml and 50ml
- Flow rate:
 - 10ml : 0.1ml/h-100ml/h
 - 20ml: 0.1ml/h-200ml/h
 - 50ml: 0.1ml/h-500ml/h
- Bolus rate
 - 10ml: 100ml/h
 - 20ml: 200ml/h
 - 50ml: 500ml/h
- Volume limit: 0.0mL~999.9mL
- Accuracy: $\pm 5\%$
- Alarm range for occlusion pressure: 40~160Kpa, three adjustable thresholds.
- KVO rate: 0.1~5.0ml/h(enter KVO mode after injection is over)
- Alarm functions: OVER, syringe emptying, occlusion, abnormal syringe, low battery and no power.
- Power supply:
 - AC 100~240V, 50/60Hz
 - Rechargeable battery, DC7.4V/1600mAh, 25VA, the equipment can continuously work for more than 4h at a flow rate of 5ml/h after fully charged.
- Dimension: 310mm(L) \times 125mm(W) \times 115mm(H)



SP500

Stethoscope

CMS-VESD Multi-functional Visual Stethoscope

CMS-VESD is a stethoscope integrating auscultation, ECG collection, SpO₂ and PR inspection into a device, which is applicable for use in hospital, private clinic, community health service and family, etc.

Features

- 2.4" color LCD.
- Display of ECG waveform, HR, SpO₂, PR and pulse waveform.
- Earphone output and adjustable 16-step volume.
- Alarm for SpO₂ and PR exceeding limits.
- Real-time monitoring, data storage and review.
- PC analysis software.
- Real-time clock.
- Low power consumption.
- Dimension: 110mm(L) \times 60mm(W) \times 14mm(H)



CMS-VESD

CMS-VE Visual Electronic Stethoscope

CMS-VE is a stethoscope with a color LCD, which can monitor heart sound and lung sound by applying the latest piezoelectric sensor technology, collect ECG waveform, monitor SpO₂ by the integration SpO₂ probe. It is applicable for use in hospital, private clinic, community health service and family, etc.

Features

- 1.8" color LCD.
- Display of ECG waveform, HR, SpO₂, PR, pulse waveform.
- Earphone output and adjustable 16-step volume.
- Alarm for SpO₂ and PR exceeding limits.
- Low power consumption.
- Dimension: 88mm(L) \times 60mm(W) \times 18mm(H)



CMS-VE

CMS-M Multi-functional Visual Stethoscope

CMS-M is a stethoscope which adds ECG waveform collection function on the basis of traditional mechanical stethoscope, and it can display HR and monitor SpO₂ and PR by the integration SpO₂ probe. It is applicable for use in hospital, private clinic, community health service and family, etc.

Features

- 2.7" LCD.
- Conventional stethoscope.
- Display of ECG waveform, HR, SpO₂, PR and pulse waveform.
- Adjustable screen contrast.
- Alarm for SpO₂ and PR exceeding limits.
- Low power consumption.
- Dimension: 87mm(L)×63mm(W)×19mm(H)



CMS-M

Simulator

MS100 SpO₂ Simulator

MS100 is a separated SpO₂ simulator which features in small volume and light weight. As different manufacturers may use different R-curve, parts of current popular R-curve are embedded into the simulator in advance.

Features

- Separated design for simulator probe and host, convenient to test and operate.
- TFT-LCD with adjustable backlight brightness.
- Film button, more comfortable to operate.
- With rechargeable lithium battery.
- SpO₂ simulation.
- Pulse rate simulation.
- Simulate presettable patient state.
- Test reaction time of the device.
- Simulate SpO₂ and PR under different amplitudes.
- Test device performance under different interference source.
- Dimension: 189mm(L)×125mm(W)×56 mm(H)



MS100

MS200 NIBP Simulator

MS200 NIBP Simulator is a multi-purpose test instrument for checking oscillometric Non-Invasive Blood Pressure(NIBP) Monitors, features in compact appearance, simply operation, and the internal pump can generate pressures up to 400mmHg (53.3kPa).

Features

- Test functions for pressure gauge, pressure leak and relief valve.
- Build-in pump provides pressure source.
- Simulate ambulatory blood pressure for arm and wrist Sphygmomanometer.
- Simulate blood pressure for adult, neonate, 8 kinds of patient state and user-defined.
- Simulate blood pressure under the condition of arrhythmias, respiratory interference.
- 4.3" LCD
- Built-in air chamber to simulate adult and neonate cuff.
- Dimension: 270mm(L)×265mm(W)×132mm(H)



MS200

MS400 Multiparameter Simulator

MS400 is a portable Multiparameter Simulator which can accurately simulate 12-lead ECG, respiration, temperature, 2-channel IBP or 4-channel IBP.

Features

- Simulate 35 kinds of arrhythmia and pacemaker waveforms.
- Simulate 4-channel IBP data.
- Simulate respiration signal with adjustable respiration rate, impedance change and baseline impedance, and 3 kinds of apnea data.
- Simulate 4 kinds of temperature data.
- Simulate square wave, triangle wave, pulse wave and sine wave with adjustable frequency.
- Simulate standard ECG calibration, adult and pediatric ECG signal.
- ECG waveform complied with the standard of ANSI/AAMI EC13-2002, AHA, MIT ECG database, other ECG database and user-defined waveform data stored in TF card can be displayed by the simulator and exported to the equipment to be tested.
- Each waveform can be observed by sliding the 3.5" color TFT touch screen, easy to operate.
- Power supply: rechargeable lithium battery or linear adapter.
- Operation mode: keys and touch screen.
- Dimension: 188.6mm(L)×125mm(W)×43.2mm(H)

Optional Accessories

- Temperature cable
- IBP cable
- CD(including a case conversion software)



MS400

Others

CMS6600B/CMS6601 EMG/EP System

Features

- Professional EMG/EP operating platform and perfect test items, complete each test in shortest time.
- Select test part by neuromuscular navigation system conveniently.
- Powerful normal value system, contrast with normal data automatically.
- Flexible software design, configure systems according to requirements.
- High-speed data collection, electromagnetic interference suppression, photoelectric isolation and low noise.
- Integrative hardware system, compact in configuration and easy in moving.



CMS6600B



CMS6601

Performance

- **Main system part**
 - A/D conversion resolution: 16-bit
 - Sampling rate: 200kHz
 - Analysis time: 5~5000ms
 - Stimulation frequency: 0.1~50Hz
- **Amplifier part**
 - Four-channel
 - Sensitivity: 0.05μV-20mV/Grid
- **Ground noise: EMG ≤ 4μV(Vpp)**
 EP ≤ 0.1μV(Vpp) (1000 times in average)
 CMRR: ≥100dB
 50Hz Ban wave setting:
 Upper limit for Filter-frequency: 20kHz
 Lower limit for Filter-frequency: 1Hz
 Gain amplifier: 25 ~400000 times
- **Stimulator part**
 - Constant current: 0.2~100mA
 - Pulse width: 50-1000μS
 - Short circuit and overload protection
- **Auditory Stimulator**
 - Stimulation wave: 40Hz Short, Sound Stim
 - Stimulation polarity: nondense wave, dense wave and alternant wave.
 - Sound strength: 40~120db (step: 5db)
 - Stimulation mode: left, right, left & right
 - Frequency of 40Hz carrier wave: 500~8000Hz
- **Visual stimulator**
 - Mode: tessellation, horizontal bar and vertical bar.
 - Stimulation view: all-view, half-view and quarter-view
 - Resolution: 3x4, 6x8, 12x16, 24x32, 48x64
 - Flash stimulator: all quench, left light, right light, l&r light
- **Dimension**
 - 438mm(L)×354mm(W)×56mm(H)(CMS6600B)
 - 296mm(L)×229mm(W)×82mm(H)(EMG Host of CMS6601)
 - 180mm(L)×139mm(W)×64mm(H)(NCS+SEP Controller of CMS6601)
 - 184mm(L)×161mm(W)×64mm(H)(BAEP+VEP Controller of CMS6601)

OC3A/OC3B Oxygen Concentrator

Features

- Adopt advanced PSA(Pressure Swing Adsorption) technology, high in oxygen concentration.
- 2.7" LCD.
- Display of cumulative time.
- Timing shutdown.
- Visual and audible alarm.
- Alarm for power interruption.
- Alarm for pressure cycle failure.
- Adjustable oxygen flow.
- With pressure safety valve.
- Overheat protector ensures safety of compressor and device.
- With turning truckle, easy to move.
- Easy to clean and replace for the humidifier bottle and air-intake filter.
- Optional SpO₂ probe(only for OC3B).
- Dimension: 508mm(L)×260mm(W)×530mm(H)



OC3A



OC3B

EC100 Electronic Colposcope

Features

- Images can be real-time displayed, captured, frozen, stored and deleted during examination.
- With the functions of image magnification, minification, illuminance control and digital green filter.
- Adopt color digital lens with high-resolution (pixel: 480,000).
- With DSP dynamic digital auto-focus system, and manual adjustment can be performed synchronously.
- Magnification for 216 times: optics magnification: 1~18 times, digital magnification: 1~12 times.
- Working distance: 250mm~400mm or 450mm~1000mm.
- AGC/White balance: Auto/manual
- Signal Noise Ratio: > 50dB
- Continuous acquisition number: 1~300
- Light source: Multipoint surrounded high-brightness white cold light source.



EC100

TP100 Predictive Thermometer

The Predictive Thermometer is applicable to measure oral, rectal or axillary temperature in first aid and family, and it can also be used for temperature screening in a large number of population.

Features

- Working mode: predictive and monitoring mode
- Unit: Celsius(°C)/Fahrenheit(°F)
- Measurement range:
Predictive mode: 34.5°C~43.0°C(94.1°F~109.4°F)
Monitoring mode: 24.0°C~43.0°C(75.2°F~109.4°F)
- Accuracy:
Predictive mode: ±0.6°C or ±1.1°F
Monitoring mode: ±0.1°C or ±0.2°F
- Measurement time: 15~20s in predictive mode
- Display: 2.4" LCD with backlight.
- Power management: automatic power-off, low power consumption, battery status indication and low battery prompt.
- Measurement times: more than 1000 measurements with two "AA" batteries.
- Disposable probe cover, avoids cross-infection.
- Self-check and automatic calibration functions for probe.
- 60s countdown function. Pulse rate and respiration frequency can be measured.
- Separate design for host and bottom base, easy to use.
- Optional: red temperature probe.
- Dimension: 243.9mm(L)×87.5mm(W)×68.8mm(H)



TP100

Veterinary

Veterinary Monitor



CMS8000VET



CMS6000VET



CMS5000VET

Veterinary Ultrasound



CMS600B2VET



CMS600B3VET



CMS600P-VET



CMS600P2VET



CMS600S-VET

Veterinary ECG



ECG300G-VET



ECG100G-VET

Veterinary Sphygmomanometer



CONTEC08A-VET

Veterinary Pulse Oximeter



CMS60D-VET