

TELEMEDICINE SOLUTION

Large Diagnostic Equipment

Large Self-examination Machine is an intelligent medical equipment, features in high integration, easy operation and high accuracy, etc. User's physiological parameters can be measured by sitting on the examination chair, and the examination report can be uploaded to Cloud Health platform through the Internet, so personal electronic health record can be established easily, which ensures the real-time upload of health data and achieves remote interaction of health service.

- ◆ Intelligent self-service physical examination equipment.
- ◆ Integrated in design, high in integration and reliable in safety.
- ◆ Powerful Internet Cloud Health Platform.

Application



Medical examination center



Large enterprise



Senior club



Large hospital



Drugstore



Community hospital

Features

- ◆ Humanized design, unique self-examination mode.
- ◆ Multi-function measurement, which can be completed in one time.
- ◆ Flexible login mode.
- ◆ Wired/4G/ Wi-Fi.
- ◆ The chronic diseases can be prevented effectively.
- ◆ Personal electronic health record can be established easily, convenient to query the historical data and trend change.
- ◆ Multi-Optional Functions are available.

System flow



Implement such works as chronic diseases follow-up, health intervention and health education, etc.

PERSONAL HEALTH

HMS2020 Multi-parameter Vital Signs Monitor



Standard Parameters

- 12-lead ECG
- Body composition
- NIBP
- Height and weight
- SpO₂
- TEMP
- R
- BG
- Cholesterol
- Uric Acid

Optional Functions

Hemoglobin Lung function Blood lipid WBC PWV Printer

HMS9900 Multi-parameter Vital Signs Monitor



Standard Parameters

- 5-lead ECG
- SpO₂
- NIBP
- BG
- TEMP
- Height and weight

Optional Functions

- 12-lead ECG
- Urine Routine
- Hemoglobin
- Uric Acid
- Lung function
- Cholesterol
- Blood lipid
- Printer

Portable Medical Diagnostic Equipment

Portable Health Machine can measure many physiological parameters(including ECG, SpO₂, NIBP, BG and lung function, etc.). Data measured can be uploaded to Cloud Health platform, which provides effective health management for user and support for clinical decision.

- ◆ Portable design, multi-function measurement can be finished in one time.
- ◆ High in integration, easy in operation, accurate in measurement and reliable in safety.
- ◆ Examination data can be uploaded to Cloud Health platform directly, personal electronic health record can be established easily.

Application



Features

- ◆ Easy to operate, accurate in results.
- ◆ High in integration, which resolves all works(including collect, upload, archive, etc.).
- ◆ Offline collection and online upload.
- ◆ Personal electronic health record can be established easily. Intelligent management for examination reports.
- ◆ The examination report can be analyzed automatically and checked by the mobile phone anywhere and anytime.
- ◆ Abundant in extended functions.

Functions

- ◆ Self-service physical examination
Portable physical examination, self-service measurement.
- ◆ Offline collection
The data can be collected and saved in the device or USB flash disk under the state of no network or unstable network.
- ◆ Data upload
The data collected in offline state can be uploaded again when the network is connected, and the data uploaded unsuccessfully(which is saved automatically) can also be uploaded again when the network is in good condition.
- ◆ Login mode
Phone number and ID card.
- ◆ Network mode
Wired/Wi-Fi/4G.
- ◆ Private health cloud service
Store, analyze and review the physiological trend data for a long time.
- ◆ Health management service
Health guidance and consultation services can be provided by experts on the Cloud.
- ◆ Self-service register
Register by the phone number, ID card.

System flow



HMS6500

Multi-parameter Vital Signs Monitor



HMS6500

Standard Parameters



5-lead ECG



SpO₂



NIBP

BG

TEMP

Optional Functions



12-lead ECG



Urine Routine



Hemoglobin



Uric Acid



Lung function



Cholesterol



Blood lipid



Printer

HMS8500/HMS7500

Multi-parameter Vital Signs Monitor



HMS8500

HMS7500

Standard Parameters

◆ 12-lead ECG ◆ SpO₂ ◆ NIBP ◆ BG ◆ TEMP ◆ Urine Routine

Optional Functions

◆ Hemoglobin · Uric Acid ◆ Cholesterol ◆ Laser/Thermal Printer · Lung function — Fetal heart — Blood lipid — Weight

PATIENT MONITORING



TS1 Patient Monitor Features

- ◆ 5" touch screen, easy and convenient to operate, automatic lock screen function prevents misoperation.
- ◆ Portable design (weight < 1.0 kg), flexible to transport.
- ◆ Multi - interface selection, convenient to observe patient ' s data trend.
- ◆ Degree of protection provided by enclosure complies with IEC/EN 60529, waterproof degree: IP44.
- ◆ Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection.
- ◆ Built-in large-capacity battery, meets the requirements of long-term operation.

Standard parameters:



Optional functions:

- ◆ Dual-channel IBP ◆ 12-lead ECG



TS1

TS13/TS15 Patient Monitor Features

- ◆ 13.3"/15.6" high-definition touch screen design, easy and convenient to operate.
- ◆ Independent physiological and technical alarm function.
- ◆ Luminous "ON / OFF" button design, convenient to operate at night.
- ◆ Modular design: the modules can be configured and combined flexibly and conveniently.
- ◆ Support dynamic hot-plugging parameter module: no need to restart the device.
- ◆ Patient information can be rapidly entered, patient type (adult / neonate / pediatric) can be quickly switched.
- ◆ Abundant analysis functions; multiple calculation functions.
- ◆ With the functions of waveform freezing, holographic waveform storage and review.
- ◆ Automatic data storage in case of power failure.
- ◆ With HDMI expansion interface.
- ◆ Built-in large-capacity detachable lithium battery, ensures uninterrupted monitoring.
- ◆ 3-channel built-in recorder used to print real-time waveform is optional.
- ◆ Connect to Central Monitoring System developed by our company by WiFi / Wired, convenient to transmit patient's real-time data.



TS13



TS15

Standard parameters:



Optional functions:

- ◆ Sidestream CO₂ module ◆ Mainstream CO₂ module ◆ IBP module ◆ Thermal printer
- ◆ NELLCOR SpO₂ module ◆ MASIMO SpO₂ module ◆ 12-lead ECG ◆ TS1 main unit
- ◆ Vertical bracket ◆ Wall bracket



TS13



CMS7000/CMS8000/CMS9000 Patient Monitor

Features

- ◆ 12.1" TFT color LCD, 18-language interface. Print trend table data with one-key.
- ◆ Fanless design, quiet, energy-saving and clean. Operation mode: keys and buttons.
- ◆ All-round monitor for adult, pediatric and neonate.
- ◆ With standard interface, OxyCRG, trend chard, big character interface and view bed, convenient to observe.
- ◆ Waveform, parameter color and location can be set optionally.
- ◆ Display up to 8-channel waveform on one screen, display 7-lead ECG waveform.
- ◆ Adopt digital SpO₂ technology, HRV analysis function.
- ◆ NIBP measurement mode: Manual/AUTO/Continuous, storage for 4800-group NIBP data.
- ◆ Review for 71 alarm events of all parameters and 60 arrhythmia alarm events.
- ◆ Drug concentration calculation and titration table functions.
- ◆ Connect to Central Monitoring System by 3G, WiFi or wired mode.
- ◆ AC/DC, built-in rechargeable lithium battery achieve uninterrupted monitoring.



CMS8000



CMS9000



CMS7000

Standard parameters:



Optional functions:

- ◆ Dual-channel IBP ◆ ETCO₂ ◆ PI index ◆ Thermal printer ◆ VGA output
- ◆ ECG sync output ◆ Touch screen(CMS7000PLUS)
- ◆ Vertical bracket ◆ Wall bracket



CMS6000 Patient Monitor

Features

- ◆ 8" TFT color LCD, multi-language interface.
- ◆ Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection. All-round monitor for adult, pediatric and neonate.
- ◆ With standard interface, OxyCRG, trend chart, big character interface and view bed, convenient to observe. Operation mode: keys and buttons.
- ◆ Waveform, parameter color and location can be set optionally.
- ◆ Display up to 8-channel waveform on one screen. Display 7-lead ECG waveform.
- ◆ Adopt digital SpO₂ technology. HRV analysis function. Print trend table data with one-key.
- ◆ NIBP measurement mode: Manual/AUTO/STAT, storage for 4800-group NIBP data.
- ◆ Review for 71 alarm events of all parameters and 60 arrhythmia alarm events.
- ◆ Drug concentration calculation and titration table functions.
- ◆ Connect to Central Monitoring System by WiFi or wired mode.
- ◆ AC/DC, built-in rechargeable lithium battery achieve uninterrupted monitoring.

Standard parameters



Optional functions

- ◆ Dual-channel IBP ◆ ETCO₂ ◆ PI index ◆ Thermal printer
- ◆ Adjustable backlight ◆ Vertical bracket ◆ Wall bracket and curved handle.



CMS6500 Patient Monitor

Features

- ◆ 7" TFT color LCD, multi-language interface.
- ◆ Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection. All-round monitor for adult, pediatric and neonate.
- ◆ With standard interface, full ECG interface and view bed, convenient to observe.
- ◆ Waveform, parameter color and location can be set optionally.
- ◆ Adopt digital SpO₂ technology, anti-motion and anti-ambient light interference, and measurement can be performed under the circumstance of weak filling.
- ◆ NIBP measurement mode: Manual/AUTO/Continuous, storage for 4800-group NIBP data.
- ◆ Review for 72 alarm events of all parameters and 60 arrhythmia alarm events.
- ◆ Drug concentration calculation and titration table functions.
- ◆ Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.
- ◆ AC/DC, built-in rechargeable lithium battery achieve uninterrupted monitoring.

Standard parameters



Optional functions

- ◆ PI index
- ◆ Thermal printer
- ◆ Adjustable backlight
- ◆ Vertical bracket
- ◆ Wall bracket.



CMS6500

CMS6800 Patient Monitor

Features

- ◆ 8" TFT color LCD, 18-language interface. All-round monitor for adult, pediatric and neonate.
- ◆ Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection. Finish all operations by keys and knobs.
- ◆ With standard interface, oxygen graph, trend graph, big character interface and view bed, convenient to observe. One-touch printing of trend graph.
- ◆ Waveform, parameter color and location can be set optionally.
- ◆ Display 7-lead ECG waveform on one screen, cascade ECG waveform display.
- ◆ Adopt digital SpO₂ technology, Heart rate variability (HRV) analysis function. NIBP measurement mode: Manual/AUTO/STAT, storage for 4800-group NIBP data.
- ◆ Review for 71 alarm events of all parameters and 60 arrhythmia alarm events.
- ◆ Drug concentration calculation and titration table functions.
- ◆ Connect to Central Monitoring System by Wi-Fi or wired mode.
- ◆ AC/DC, built-in rechargeable lithium battery achieve uninterrupted monitoring.

Standard parameters



Optional functions

- ◆ PI index
- ◆ Thermal printer
- ◆ Adjustable backlight
- ◆ Vertical bracket
- ◆ Wall bracket.



CMS6800

CMS9200 Patient Monitor

Features

- ◆ 15" TFT color LCD, 18-language interface. All-round monitor for adult, pediatric and neonate.
- ◆ Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection. Operation mode: keys and buttons.
- ◆ With standard interface, OxyCRG, trend chart, big character interface and view bed, convenient to observe. Print trend table data with one-key.
- ◆ Waveform, parameter color and location can be set optionally.
- ◆ Display up to 8-channel waveform on one screen. Display 7-lead ECG waveform
- ◆ Adopt digital SpO₂ technology, HRV analysis function.
- ◆ NIBP measurement mode: Manual/AUTO/Continuous, storage for 4800-group NIBP data.
- ◆ Review for 71 alarm events of all parameters and 60 arrhythmia alarm events.
- ◆ Drug concentration calculation and titration table functions.
- ◆ Connect to Central Monitoring System by WiFi or wired mode.
- ◆ AC/DC, built-in rechargeable lithium battery achieve uninterrupted monitoring.

Standard parameters:



Optional functions:

- ◆ Dual-channel IBP ◆ ETCO₂ ◆ Impedance Cardiography(ICG) ◆ SpO₂simulation ◆ PI index
- ◆ HRV analysis ◆ Thermal printer ◆ Vertical bracket ◆ Wall bracket. Touch screen(CMS9200PLUS)



CMS9200



CMS9200 PLUS

CMS5100 Patient Monitor

Features

- ◆ Be applicable for NIBP, SpO₂ and TEMP monitoring of adult, pediatric and neonate of all ages, easy to operate, high cost-effective.
- ◆ Be applicable for hospital outpatient, emergency room, medicine, surgery, operating room, ICU, obstetrics and gynecology, pediatrics.
- ◆ Compact and flexible appearance, easy for carrying and suitable for medical staff indoor monitoring; Perfect menu design, user-friendly interface.
- ◆ Built-in rechargeable lithium battery, ensures uninterrupted monitoring.
- ◆ Display the measurement result of SYS, DIA, SpO₂, PR and bar graph by the display screen of high-brightness digital tube.
- ◆ 2.8" (320X240) true color TFT LCD screen, displays the information of time, SpO₂Plethys-mogram, alarm condition, trend graph, list and system settings, etc.
- ◆ Visual and audible alarm for SYS, DIA, SpO₂, PR and TEMP, and upper and lower limit of alarm can be set as necessary.
- ◆ Independent nonvolatile memory, storage for up to 2,000 groups of NIBP data, 7900 groups of TEMP data and 78,000 groups of SpO₂ data.
- ◆ Convenient and quick in reviewing measurement data, available for reviewing the NIBP trend graph of 24 hours, TEMP data of 24 hours and SpO₂ trend graph of 22 hours.

Standard parameters:



Optional functions:

- ◆ Vertical bracket ◆ Wall bracket



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, error information and time.
- ◆ User-defined parameters prompt 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 minutes.



PM50

RESTING ECG

PM10 Portable ECG Monitor

Features

- ◆ 1.77" color TFT-LCD.
- ◆ Quickly to check ECG once finger touching, convenient to operate.
- ◆ Accurate conclusion can be obtained immediately after measuring.
- ◆ The built-in rechargeable lithium battery can continuously record for up to 500 cases in full charging.
- ◆ Bluetooth transmission.
- ◆ ECG data can be saved to CLOUD Platform permanently, convenient to check and analyze.
- ◆ Historical data can be printed at any time, convenient to diagnose.



PM10

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.
- ◆ 4h standby time, continuous print up to 90 minutes, record up to 100 ECG waveform.
- ◆ Synchronous print up to 3-lead ECG and analysis report.
- ◆ Power supply: AC/DC, built-in rechargeable lithium battery.
- ◆ Paper speed: 6.25, 12.5, 25, 50 mm/s \pm 5%
- ◆ Multi-language interface.
- ◆ Dimension: 207mm(L)X96mm(W)X62mm(H)
- ◆ Paper size: 50mmX20m



ECG100G Electrocardiograph

Features

- ◆ 2.8" LCD
- ◆ Continuous record for single-channel ECG waveform and annotation. ECG90A
- ◆ Power supply: AC/DC, built-in rechargeable lithium battery.
- ◆ In AUTO mode, finish recording by pressing the button once, which improves work efficiency.
- ◆ Adopt digital signal processing technology and get high-quality ECG waveform via power frequency filter, baseline filter and EMG filter of ECG signal.
- ◆ Real-time and continuously record clear and accurate ECG waveform and annotation character (including lead mark, sensitivity, paper speed and filter state, etc.).

Recording frequency: up to 150Hz. (8 dot/mm), no need for any adjustments.

- ◆ Multi-language (Chinese, English, French, Italian, German, Spanish, Turkish, Russian and Kazakh) interface and report.
- ◆ In optimal DC state, up to 7-hour standby time, continuous print up to 4-hour, record up to 150 pieces of ECG waveform.
- ◆ Paper size: 50 mm(W)X20 m(L)
- ◆ Dimension: 315 mm(L)X215mm (W)X77 mm(H)



ECG100G

ECG300GA/E3M Electrocardiograph

Features

- ◆ 2.8" LCD
- ◆ High-resolution thermal printer achieves real-time print of ECG waveform and report.
- ◆ Power supply:AC/DC, built-in rechargeable lithium battery.
- ◆ Paper speed:6.25,12.5,25,50 mm/s $\pm 5\%$
- ◆ Paper size:80 mm(W)X20 m(L)
- ◆ Dimension: 315 mm(L)X215mm (W)X77 mm(H)
- ◆ Sync collection for 12-lead ECG, adopt digital signal processing technology and get high-quality ECG waveform via power frequency filter, baseline filter and EMG filter of ECG signal.
- ◆ Display of 1/3/6/12-lead ECG, print mode, sensitivity, paper speed and filter state, etc. on one screen, convenient for contrastively diagnosing.
- ◆ Multiply printing modes and formats, including manual, auto 4x3, auto 3x4+1, auto 3x4, auto 2x6+1, auto 2x6, etc. Waveform length printed can be adjusted, and with timed print function, which meets different requirements.
- ◆ With the functions of auto-analysis and auto-diagnosis for routine ECG parameters, provide measurement results and auto-diagnosis conclusion for HR, P-R interval, P Duration, QRS Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1), etc. which reduces the doctor's burden.
- ◆ Build-in memory stores 15 cases, which is convenient for doctor to review case and statistic.
- ◆ Multi- language(Chinese, English) interface and report.
- ◆ Optional ECG-Sync software, connect with PC by USB2.0 interface to form a ECG workstation, import real-time data to the software for analyzing and report printing, and old cases stored in Electrocardiograph can be uploaded to PC.



ECG300GA



E3M

E3M

Wider in input dynamic range, higher in CMRR and polarizing voltage, longer in standby time.

ECG300G/ECG300GT/E3 Electrocardiograph

Features

- ◆ 4.3" LCD
- ◆ High resolution thermal-array output system(8 dots/mm), no adjustment required. Frequency Response is up to 150Hz.
- ◆ Sync collection for 12-lead ECG, support routine 12-lead and Cabrera-lead waveform display. Get high-quality ECG waveform via AC filter, DFT filter, EMG filter and Low-pass Filter of ECG signal.
- ◆ Display 3/6/12 - lead ECG waveform, print mode, sensitivity, paper speed, filter status, etc. on one screen, convenient for contrastively diagnosing.
- ◆ Support for auto 1X12, auto 1X12+1, auto 2X6, auto 2X6+1, auto 3X4, auto 3X4+1, auto 4X3, auto 3-2+1, auto 3-2, rhythm 4, rhythm 3, rhythm 2 and manual. The printed content contains time, paper speed, sensitivity, calibration signal, name of lead, filter state and patient's information. Information including printed waveform length, output measurement parameter, diagnostic conclusion, superposition QRS waveform, histogram, trend chart and interval list, can be set, and with time print function, which meets different requirements.
- ◆ With the functions of auto-measurement and auto-interpretation for routine ECG parameters, provide measurement results for HR, PR interval, P Duration, QRS Duration, T Duration, QT/QTc interval, P/QRS/T Axis, R(V5), S(V1) and R(V5)+S(V1), etc. and auto-diagnosis conclusion, which reduces the doctor's burden.
- ◆ Rhythm lead can be selected freely, convenient to observe abnormal heart rhythm.
- ◆ The subject's clinical information (such as, ID, Name, Age, Sex, Height, Weight, etc.) can be entered.
- ◆ 1000 cases can be stored by the built-in memory, convenient for case review and statistic.



ECG300G/ECG300GT



E3

E3

Wider in input dynamic range, higher in CMRR and polarizing voltage.

ECG600G/E6 Electrocardiograph

Features

- ◆ Adopt 7" high-resolution color LCD, operate by touch screen and function buttons, convenient to use.
- ◆ Sync collection for 12-lead ECG, support routine 12-lead and Cabrera-lead waveform display. Get high-quality ECG waveform via AC filter, DFT filter, EMG filter and Low-pass Filter of ECG signal.
- ◆ Display 3/6/12 - lead ECG waveform, print mode, sensitivity, paper speed, filter status, etc. on one screen, convenient for contrastively diagnosing.
- ◆ Power supply: AC/DC (which can adapt AC 50/60Hz), with built-in rechargeable lithium battery, charging circuit, perfect over-current and over-voltage protection circuit.
- ◆ Rhythm lead can be selected freely, convenient to observe abnormal heart rhythm.
- ◆ The subject ' clinical information (such as, ID, Name, Age, Sex, Height, Weight, etc.) can be entered.
- ◆ 1000 cases (3 s case is frequently used) can be stored by the built-in memory, convenient for case review and statistic.
- ◆ In optimal DC state, up to 10-hour standby time, continuous print for more than 3-hour and print up to 1000 ECG waveform (3 s case is frequently used).
- ◆ Multi-language (Chinese, English, Turkish, Portuguese, German, Russian and Kazakh, etc.) interface and report.
- ◆ External printer and USB storage device can be connected.



ECG600G



E6

E6

Wider in input dynamic range, higher in CMRR and polarizing voltage.

ECG1200G Electrocardiograph

Features

- ◆ 8" color touch screen.
- ◆ Sync collection for 12-lead ECG, a sampling accuracy of 24-bit can get high-quality ECG waveform via power frequency filter, baseline filter and EMG filter of ECG signal.
- ◆ 3/6/12-lead ECG waveform and other information such as print mode, sensitivity, paper speed, filter can be displayed in one screen, convenient for contrastive diagnosis.
- ◆ Multiply printing modes and formats, including auto 12x1, auto 6x2+1 (rhythm lead), auto 6x2, auto 3x4+2 (rhythm lead), rhythm 12, rhythm 10, rhythm 8, rhythm 6, manual, etc. Trend chart and histogram of P-R interval can be printed, waveform length printed can be adjusted, and with time print function, which meets different requirements.
- ◆ Paper speed: 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s.
- ◆ With the functions of auto-analysis and auto-diagnosis for routine ECG parameters, provide measurement results and auto-diagnosis conclusion for HR, P-R interval, P Duration, QRS Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1), etc., which reduces the doctor ' s burden.
- ◆ Built-in large capacity memory, convenient for case review and statistic.
- ◆ Multi-language(Chinese, English, Turkish, Portuguese, German, Russian, Kazakh and other languages) interface and report.
- ◆ In optimal DC state, up to 10-hour standby time, continuous print more than 3-hour, which meets the requirements of visiting a patient at home and body examination.



ECG1200G

ECG1212G/ECG1218G/E12/E18M Electrocardiograph

Features

- ◆ Display with 1280*800 dots 10.1 inch high resolution color LCD, operate either by touch screen or function buttons, which is convenient and quick.
- ◆ Sync collection for 12-lead ECG(ECG1212G/E12)/18-lead ECG(ECG1218G/E18M), support for 12-lead(ECG1212G/E12)/ 18-lead (ECG1218G/E18M) and Cabrera-lead waveform display, adopt digital signal processing technology and get high-quality ECG via power frequency filter, baseline filter, EMG filter and Low-pass Filter for ECG signals.
- ◆ Display of 3/6/12/18-lead (ECG1218G/E18M) ECG waveform on one screen, and HR value, print mode, sensitivity, paper speed, filter state, clock, battery level, background gridlines, measured data and interpretation information, etc. Prompting function for lead-off and overload, system working state.
- ◆ The device can be powered either by AC or DC(can adapt to 50/60Hz AC frequency), with built-in rechargeable lithium battery and charging circuit, perfect battery overcurrent and overvoltage protection circuit.
- ◆ In optimal DC state, up to 10-hour standby time, continuous print more than 3-hour, record up to 1000 ECG waveform(commonly, it is 3s case), which meets the requirements of visiting a patient at home and body examination.
- ◆ Built-in thermal printer, support for Auto M*N, Auto M*N+1, Auto M*N+2, Auto M*N+3, rhythm M line, manual and other printing modes and formats.The printed content contains time, paper speed, sensitivity, calibration signal, name of lead, filter state and patient 's information. Information including printed waveform length, output measurement parameter, diagnostic conclusion, superposition QRS waveform, histogram, trend chart and interval list, can be set, and with time print function and auto arrhythmia print function, which meets different requirements.
- ◆ With the functions of auto-measurement and auto-interpretation for routine ECG parameters, provide measurement results and auto-diagnosis conclusion for HR, PR Interval, P Duration, QRS Duration, T Duration, QHQTc Interval, P/QRS/T Axis, R(V5), S(V1), R(V5)+S(V1) amplitude, Cornell Index, etc. which reduces the doctor ' s burden.
- ◆ The built-in large-capacity memory can store at least 4000 medical records, making it easy for doctors to review medical records and statistical information.
- ◆ Multi-language(Chinese, English) interface and report. Full touch screen with buttons operation, built-in virtual keyboard, support Chinese and English input methods.
- ◆ With Wi-Fi wireless communication function(Optional). With functions of LAN, USB cable transmission. Automatically upload cases, download reports and print them.
 - ◆ Support external USB standard keyboard, mouse, scanner, printer.
- ◆ Historical medical records can be reviewed, inquired, modified, transmitted, printed, lead correction, exported to other electronic file formats (dat, pdf, xml, bmp, jpeg, png etc.).



ECG1212G/ECG1218G



E12/E18M

E12/E18M

Wider in input dynamic range, higher in CMRR and polarizing voltage.

CONTEC8000GW/CONTEC8000G ECG Workstation

Features

- ◆ Compact and portable design for Recorder, support both Wilson and Frank lead system, with lead-off indicator.
- ◆ Adopt real-time sampling, display and storage mode, with functions such as QRS waveform analyzing in real-time, HR calculation and real-time printing, as well as multiple filter methods to avoid from baseline drift and interference.
- ◆ Advanced ECG analysis algorithm ensures accurate auto-analyzing points and reliable auto-recognizing sort of arrhythmia, which makes the analyzing report and conclusion more valuable.
- ◆ For clear display, ECG waveform uses anti-aliasing technology; smart adjustment function of lead position solves the problem of overlapping waveform caused by baseline drift or high amplitude waveform.
- ◆ High sampling frequency (1000 Hz) ensures correct ECG waveform without distortion. High resolution in display and printout guarantees the details of ECG waveform.
- ◆ With dozens of sync and continuous display/print modes, including 6x2, 3x4, 3x4+2, etc. Auxiliary tool, such as superposed waveform analysis, electronic scale and editable terminology database, etc., brings much more convenient for diagnosis and clinical application.
- ◆ Multiple analysis function, including: conventional 12-lead ECG, Frequency Cardiogram (FCG), High Frequency ECG, QT interval dispersion analysis, Heart Rate Variability (HRV) analysis, myocardium ischemia (STLE) analysis, Heart rate turbulence (HRT) analysis, Pacing ECG analysis, Vector Cardiogram (VCG), Time Vector Cardiogram (TVCG) and SAECG, etc.
- ◆ The "shortcut print" function can preview or print the whole analysis reports, and save them in PC with multimedia format (BMP, PNG, PDF or JPG format) according to factual need.
- ◆ Support calling external procedures to obtain patient information of unknown origin, exporting HL7 aECG standard format ECG data, printing electronic report and sending notice to external procedure, convenience for systems docking with hospital HIS, PACS and others.
- ◆ device working status, such as charging, low battery and Bluetooth mode.(CONTEC8000GW)
- ◆ Built-in large capacity rechargeable lithium battery, continuous working for more than 7 hours.(CONTEC8000GW)



CONTEC8000GW/CONTEC8000G

HOLTER

TLC5000/TLC9803/TLC6000 Dynamic ECG Systems

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.

Recorder parameters

	TLC5000	TLC9803	TLC6000
Lead	12-lead	3-lead	12-lead
Memory	MicroSD(1GB)	MicroSD(1GB)	MicroSD(1GB)
Record time	24h	24h	24h
Power supply	Two "AA" batteries	Two "AA" batteries	One "AAA" battery
Screen	1.77" TFT	1.77" TFT	0.96" OLED
Interface	USB 2.0	USB 2.0	USB 2.0

Dimension 111mm(L)X60mm(W)
X25mm(H)

111mm(L)X 60mm(W)
X25mm(H)

80.5mm(L)X59.5mm(W)
X22mm(H)



TLC9803/TLC5000



TLC6000

STRESS ECG SYSTEM



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)X65mm(W)X30mm(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

PULSE OXIMETER



CMS50D-BT Pulse Oximeter

Features

- ◆ Display of SpO₂ value.
- ◆ Display of PR value and bar graph.
- ◆ Low battery indication.
- ◆ Automatic storage for SpO₂ and PR value.
- ◆ Sync clock function.
- ◆ Display direction can be changed automatically.
- ◆ Automatic standby function.
- ◆ The data stored can be uploaded to APP by Blue-



CMS50D-BT

tooth, APP will upload the data to CLOUD platform for analyzing.

CMS50D/CMS50D1/CMS50D2/ CMS50D4 /CMS50D2-1/ CMS50D2-2/CMS50-Pro/CMS50Q1

Pulse Oximeter

Features

- ◆ Auto power on,color display(only for CMS50-Pro).
- ◆ Display of SpO₂, PR, bar graph and pulse waveform.
- ◆ The display mode can be changed.
- ◆ Adjustable brightness.
- ◆ Low battery indication.
- ◆ Power Supply: two "AAA" batteries.
- ◆ Continuous working time: 20h.
- ◆ Optional function : PI,sound prompt,beep(only for CMS50D CMS50-Pro CMS50D2-1 CMS50D2-2 and CMS50D2).
- ◆ Designed for Children(CMS50Q1)
- ◆ Edutainment , DIY(CMS50Q1)
- ◆ Safe: screw design(CMS50Q1)



CMS50D



CMS50D1

CMS50DL/CMS50DL1/CMS50DL2/CMS50L-Pro Pulse Oximeter

Features

- LED display.
- Auto power on.(only for CMS50L-Pro)
- Display of SpO₂, PR and bar graph.
- Low battery indication.
- Power supply: two "AAA" batteries.
- Continuous working time : 30h.



CMS50D2



CMS50D4



CMS50D2-1



CMS50D2-2



CMS50DL



CMS50DL1



CMS50-Pro



CMS50Q1



CMS50DL2



CMS50L-Pro

CMS50QA/CMS50QB Pulse Oximeter

Features

- ◆ Be especially applicable for children.
- ◆ CMS50QA: segment LCD display.
- ◆ CMS50QB: 0.96" color display (blue and yellow).
- ◆ Display of SpO₂, PR and bar graph.
- ◆ Display of pulse waveform(only for CMS50QB).
- ◆ The display mode can be changed(only for CMS50QB).
- ◆ Audible and visible sound prompt for over-limit and low battery.
- ◆ PR sound.



CMS50QA



CMS50QB

CMS50E/CMS50H Pulse Oximeter

Features

- ◆ 1.3" color 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 sound prompt for over-limit and low battery, and the upper and lower limit of sound prompt can be set.
- ◆ Continuous 24h storage for SpO₂ and PR value, data stored and real-time data can be uploaded to PC.
- ◆ Wireless transmission.
- ◆ Display of PI(perfusion index) value(only for CMS50H).
- ◆ Charging time: 4h
- ◆ Continuous working time: 20h



CMS50E



CMS50H

CMS60D1 Pulse Oximeter

- ◆ 2.8" color screen.
- ◆ Display of SpO₂ value.
- ◆ Display of pulse rate value and bar graph.
- ◆ Display of pulse waveform.(selection function).
- ◆ Display of PI value (selection function).
- ◆ Code lock protection alarm function.
- ◆ Alarm function(Finger out or out of limit).
- ◆ Battery power indication,Ultra low power warning function.
- ◆ Adjustable screen brightness,Adjustable sound volume.
- ◆ Restore factory Settings.
- ◆ Storage function for SpO₂ and PR values, and data stored can be uploaded to PC.
- ◆ Real-time data can be uploaded to PC.
- ◆ Bluetooth connection to PC(optional).
- ◆ External SpO₂ probe can be connected.
- ◆ Chinese and English bilingual switch.
- ◆ With function menu.
- ◆ Clock function.
- ◆ Review function.



CMS60D1



CMS60C/CMS60D Pulse Oximeter

- ◆ CMS60C/CMS60D : color display.
- ◆ Display of SpO₂, PR, bar graph and pulse waveform.
- ◆ Display mode can be changed(only for CMS60C).
- ◆ Audible and visible sound prompt for over-limit and low battery, and the upper and lower limit of sound prompt can be set.
- ◆ Power supply:
 - Two "AA" batteries(only for CMS60D).
 - Rechargeable lithium battery(only for CMS60C).
- ◆ Data stored and real-time data can be uploaded to PC.
- ◆ Adjustable brightness.
- ◆ Menu operation.
- ◆ PR sound.
- ◆ Battery status indication.
- ◆ Review function(only for CMS60D).
- ◆ Real-time clock.
- ◆ Charging time:CMS60C : 4h
- ◆ Continuous working time: CMS60C : 26h
CMS60D : 32h



CMS60C



CMS60D

CMS50F/CMS50I Pulse Oximeter

Features

- ◆ Display of SpO₂ value.
- ◆ Display of pulse rate and bar graph.
- ◆ Display of PI.(CMS50I)
- ◆ Display of pulse waveform.
- ◆ Low-voltage indication: the low power indication symbol appears when the voltage is too low to work.
- ◆ The display mode can be changed.(CMS50I)
- ◆ Adjustable screen brightness.
- ◆ PR sound indication.
- ◆ Sound prompt function: over-limit prompt of measured value,probe-off or finger- out prompt, low power prompt.
- ◆ Data memory function.
- ◆ The data can be uploaded to the terminal equipment by wired mode.
- ◆ The data can be uploaded to the terminal equipment (Bluetooth wired equipment) by wireless mode.
- ◆ Clock function.
- ◆ Charging function.



CMS50F



CMS50I

CMS50K Wearable Monitor

Features

- ◆ Wrist design, auto-recognition function, simple and convenient to operate.
- ◆ Continuous monitoring (more than 8h) for SpO₂, PR and body movement, which is used in sleep monitoring.
- ◆ Color OLED display adopting blank screen design of low power consumption, which meets the use requirement for long time.
- ◆ SpO₂ value can be measured by connecting SpO₂ probe. PR value, bar graph and pulse waveform can be synchronously displayed.
- ◆ Wireless synchronization: health report feedback from APP.



CMS50K

CMS50K1 Wearable Monitor

Features

- ◆ Display of SpO₂ value.
- ◆ Display of pulse rate value.
- ◆ Display of heart rate value and ECG waveform.
- ◆ Display of step number and calorie.
- ◆ Low-battery indication.
- ◆ Data storage function.
- ◆ Clock function.
- ◆ Charging function.
- ◆ Vibration prompt function.
- ◆ Data playback function.



CMS50K1

CMS50S Pulse Oximeter

Features

- ◆ Low-voltage indication: the low-voltage indication symbol appears when the voltage is too low to work.
- ◆ Automatic standby function.
- ◆ Data storage function.
- ◆ The data can be uploaded to terminal equipment by wireless mode.
- ◆ Charging function.



CMS50S

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

SLEEP MONITORING SYSTEM

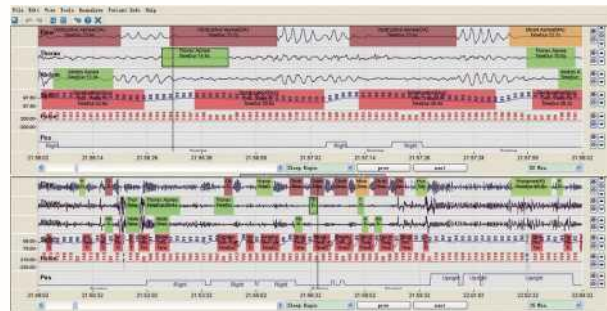
RS10 Sleep apnea screen meter

Features

- ◆ SpO₂ value sampling.
- ◆ Pulse rate sampling.
- ◆ Sampling of respiration airflow waveform.
- ◆ Sampling of chest respiration waveform and abdominal respiration waveform.
- ◆ Posture signal sampling.
- ◆ With working status indicator, prompting working status.
- ◆ Continuous working time ≡ 12 hours.
- ◆ With PC software.



RS10



Sleep monitoring report

Analysis Date: 2014-12-23 00:00
 Analysis Start Time: 00:00:00 2014-12-23
 Analysis End Time: 00:00:00 2014-12-23

Item	Value	Unit
Age	21	Year
Sex	Male	
Height	170	cm
Weight	60	kg
Body Mass Index	20.7	

Parameter	Value	Unit
Sleep Time	00:00	min
Awake-Asleep Ratio	0.00	
Apnea Percentage	0.00	%
Flow Apnea Percentage	0.00	%

Parameter	Value	Unit
SpO ₂ Mean	99.00	%
SpO ₂ Min	97.00	%
SpO ₂ Max	99.00	%
PR Mean	75	b/min
PR Min	50	b/min
PR Max	100	b/min

SLP10 Sleeping position trainer

Features

- ◆ Vibration prompts.
- ◆ Operation of the product is simple.
- ◆ Power on indicator light.
- ◆ Low battery indicator: Before the battery is low enough to fail to work normally, the flashing light should be turned off five times.



SLP10

RS01 Sleep Apnea Screen Meter

The RS01 device is suitable for the one who suffers with such diseases as SAHS (sleep apnea-hypopnea syndrome), Its functions including patient's sleep apnea monitoring and SpO₂ monitoring, which can be applied in hospital or at home.

Features

- ◆ SpO₂ and PR value display, pulse sound and bar graph indication.
- ◆ Pulse waveform and nose flow waveform display.
- ◆ Alarms for low power, finger out and exceeding limits.
- ◆ Battery status indication.
- ◆ Real-time clock.
- ◆ Timing power on/off.
- ◆ Storage of multiple cases.
- ◆ Continuous 12 hours data record.
- ◆ Uploading data via USB port.
- ◆ PC analysis software.



RS01

RESPIRATORY PRODUCTS

SP10 /SP10W Spirometer

Features

- ◆ High-resolution color LCD.
- ◆ FVC, FEV1, PEF, FEV1%, FEF25, FEF75, FEF2575 can be measured.
- ◆ Rechargeable lithium battery, with power indication.
- ◆ 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.



SP10/SP10W



SP70B Spirometer

Features

- ◆ The personnel information (including height, age, sex, etc.) can be set.
- ◆ Flow - volume chart, volume - time chart display.
- ◆ The data can be stored, deleted, uploaded and reviewed.
- ◆ Trend chart display.
- ◆ Health state indication.
- ◆ Calibration function.
- ◆ Over - limit prompt function for volume and flow.
- ◆ Bluetooth transmission.
- ◆ Real-time clock can be set and displayed.
- ◆ Battery power indication.
- ◆ Automatic shutdown when there is no operation within two minutes.



SP70B

SP80B Spirometer

Features

- ◆ The personnel information (including height, age, sex, etc.) can be set.
- ◆ Flow-volume chart, volume-time chart display.
- ◆ The data can be stored, deleted, uploaded and reviewed.
- ◆ Trend chart display.
- ◆ Health state indication.
- ◆ Calibration function.
- ◆ Over - limit prompt function for volume and flow.
- ◆ Indicate expiration within 6 seconds by indicators.
- ◆ Start measuring by one-button.
- ◆ The data can be transmitted by Bluetooth or USB cable.
- ◆ Real-time clock can be set and displayed.
- ◆ Battery power indication.
- ◆ Automatic shutdown when there is no operation within two minutes.



SP80B

SP100 Spirometer

Features

- ◆ Measurement of Forced Vital Capacity (FVC), Vital Capacity (VC/SVC), maximum voluntary ventilation (MVV) and relevant functions, more than 50 parameters can be measured and displayed; for several times of measurement, the optimal result will be displayed; the condition of subject can be shown by the ratio of the measured value and the predicted value.
- ◆ Measurement parameters:
Forced Vital Capacity (FVC): FVC,FEV1,PEF,FEV1%,(FEV1/FVC),FEF25,FEF50,FEF75, FEF2575,FEV1/VC,FEV6,FEV1/FEV6,ELA,FET,EVOL,FIVC,FIV1,FIV1/FIVC,PIF,MVV,etc.
Vital Capacity (VC/SVC): VC,IC,ERV,IRV,EVC,IVC,TV,VE,RR,tI,tI/tE,tE,TV/tI,tI/ttot
Maximum Ventilatory Volume (MVV): MVV
- ◆ Real-time display respiration waveform:Flow-Volume loop and Volume-Time curve chart.
- ◆ 7" color LCD touch screen, buttons can be operated along with touch screen.
- ◆ Incentive animation operation guide, easy for the use between children and the old.
- ◆ Built-in thermal printer, reports can be printed directly.
- ◆ BTPS automatic correction function, compensate for the impact of environmental differences.
- ◆ Test time and environment temperature display.
- ◆ Calibration function, ensure measurement accuracy.
- ◆ Multiple predicted value can be selected, suitable for different population.
- ◆ Storage of more than 10,000 groups of data.
- ◆ Lung age estimation function.
- ◆ Built-in lithium battery, supports both of AC and DC.



SP100

SPM-A Spirometer

Features

- ◆ Test the functions related to FVC, VC and MVV, measure and display more than 40 parameters, and display the optimal value from many measurements. Besides, the tester condition can be reflected by the ratio of the measured value and the predicted value.
- ◆ Real-time display of respiration waveform: flow-volume loop and volume-time curve.
- ◆ Display of test time and environment temperature.
- ◆ Comparison of several group of test data and waveform and display of the optimal value.
- ◆ Display of trend chart, provides the trend of each parameter within a period of time.
- ◆ BTPS self-correction function, compensates the impact arisen from environment difference.
- ◆ Lung function assessment function, more intuitive to reflect patient's lung condition in current phase.
- ◆ Calibration function, ensures the test accuracy.
- ◆ Wired data transmission, stable and fast in transmission speed.
- ◆ Power and test indicator.



SPM-A

SP100A/SP100B Spirometer

Features

- ◆ Differential pressure detection technology, with a professional lung function software.
- ◆ Measure over 100 parameters related to FVC, VC, MVV and MV functions.
- ◆ Measure inspiratory and expiratory parameters, real-time curve display.
- ◆ BTPS correction function, measure temperature, humidity and barometric pressure automatically.
- ◆ Quality control function, automatic QC rating.
- ◆ Calibration control function, volume calibration, three flows verification.
- ◆ The test report can be printed / output.
- ◆ The built-in 210mm thermal printer (only for SP100B).
- ◆ The Calibration Syringe is optional.
- ◆ 10.1" capacitive touch screen.
- ◆ Voice prompt (only for SP100A).
- ◆ Wired / wireless network.



SP100A



SP100B

MS710 Calibration Syringe

Features

- ◆ Smooth in inside wall of the cylinder, fluent to pull and push.
- ◆ Small in volume, light in weight, easy to move
- ◆ Clear and intuitive in structure, convenient to observe.
- ◆ Accurate in calibration volume, good in gas tightness.
- ◆ Comfortable to touch, convenient to use.
- ◆ Volume Range: 2 L/3 L.
- ◆ Volume Accuracy: $\pm 0.4\%$.



MS710

SPM-D Spirometer

Features

- ◆ Measure and display over 100 parameters related to FVC, SVC, MVV and MV functions.
- ◆ Display trend chart and respiratory waveform tested, recommend the optimal test curve intelligently.
- ◆ With management functions of user information and case data.
- ◆ Built-in multiple predicted values, which can be set manually.
- ◆ BTPS correction function, measure environment parameters automatically.
- ◆ Pulmonary function assessment.
- ◆ Support bronchial test.
- ◆ With calibration function and quality control, ensure the test accuracy.
- ◆ With quality control function, recommend the test curve with high acceptability intelligently.
- ◆ With report generation, editing and printing functions.
- ◆ One-button test function.

SP90 Spirometer

Features

- ◆ Measure and display the test items related to FVC, SVC, MVV and MV.
- ◆ Display the respiratory waveform measured, use it with the master device to realize real-time test.
- ◆ With management functions of user information and case data.
- ◆ Built-in multiple predicted values, display the ratio of the measured value and the predicted value.
- ◆ BTPS correction function, measure environment parameters automatically.
- ◆ Support bronchial test.
- ◆ Voice prompt.
- ◆ With calibration and verification functions, ensure the test accuracy.
- ◆ Data transmission: Bluetooth, data cable.
- ◆ One-button test function.
- ◆ Rechargeable lithium battery, battery power indication.



SPM-D



SP90

SRP1 Smart Rapid Pump Features

- ◆ Dual-channel control: independent operation.
- ◆ Accurate to inflate: pressure adjustment step: 5mmHg, adjustable range: 10 ~300 mmHg
- ◆ Display: 2.8" LCD
- ◆ Quick and convenient to use, reduces waste of human resources.
- ◆ Over-pressure protection: automatically deflate when the pressure exceeds 310 + 10 mmHg, ensures operator and patient safety.
- ◆ Stable to inflate: uniform pressure on front / rear sides, not easy to infuse air bubbles, reduces the destruction of erythrocyte and increases the success rate of rescue.
- ◆ Easy to install: compact and portable design, and it can be installed to the infusion stand by the fixed device on the back of the product.
- ◆ Power supply: AC / built-in large-capacity lithium battery.



SRP1

NE-J01 Compressor Nebulizer Features

- ◆ Waterproof and dustproof degree: IP22
- ◆ Volume for nebulization cup: 8mL
- ◆ Nebulization rate: >0.15mL/min
- ◆ Medication residue: W 0.7mL
- ◆ Moderate in nebulization rate, low in medication residue, which reduces medication waste.
- ◆ Proportion of particle size smaller than 5 μm is no less than 60%.
- ◆ Compact and lightweight design, convenient to carry.
- ◆ Built-in oil-free compressed vacuum pump, safe and durable to use.



NE-J01

NE-M01 Mesh Nebulizer Features

- ◆ Waterproof and dustproof degree: IP22
- ◆ Nebulization rate: > 0.25mL/min
- ◆ Volume for nebulization cup: 10mL
- ◆ Power supply: two "AA" batteries or DC 5 V.
- ◆ Automatic power off when there is no liquid.
- ◆ Low power consumption design, low-battery detection function.
- ◆ Proportion of particle size smaller than 5 μm is no less than 90%.
- ◆ One-button operation.
- ◆ Noiseless design.



NE-M02/ NE-M03/NE-M01L Mesh Nebulizer Features

- ◆ Small in volume, light in weight, easy to operate, safety and noiseless in using.
- ◆ Low power consumption(3.7V lithium battery).
- ◆ One-button operation, convenient to use.
- ◆ Small in particle size(about 5 μm), easy to absorb.
- ◆ Automatic power off when there is no liquid.
- ◆ Moderate in nebulization rate, low in medication residue.
- Level I: > 0.25mL/min
- LevelII: > 0.15mL/min



NE-M02



NE-M03



NE-M01L

OC3B/OC5B/CONTEC21 Oxygen Concentrator Features

- Flow range:
OC3B: 0.5~3 L/min
OC5B: 0.5~5 L/min
CONTEC21: 0.5~5 L/min
- Oxygen concentration: 93%±3%
- SpO₂ measurement range: 0 %~100 %
- The molecular sieve with high quality is adopted, long in use life and high in adsorption efficiency.
- The air intake filter met international standard is adopted, which can remove the particle whose diameter is more than 1 μm.
- Waterproof and dustproof degree: IP21
- Timing shutdown function.



OC3B/OC5B/CONTEC21

Model	Electrical Requirements	Sp. O ₂ measurement function	Atomization function
OC3B	AC220V±10%, 50Hz±1Hz	O	—
OC5B	AC220V±10%, 50Hz±1Hz	O	—
	AC110V±10%, 60Hz±1Hz	—	—
CONTEC21	AC220V±10%, 50Hz±1Hz	—	—
	AC220V±10%, 60Hz±1Hz	O	O

CA10M Capnograph Features

- Waterproof and dustproof degree: IPX2
- ETCO₂ measuring range: 0-150mmHg
- AwRR measuring range: 2-150rpm
- 1.3" true color LCD, user-friendly interface, easy to operate.
- Compact and lightweight design.
- Audio-visual alarm system.
- Application: patient transport, first aid, surgery, monitoring, etc.



CA10M

CA10S Capnograph Features

- 2.8" color LCD screen, user-friendly interface, easy to operate.
- ETCO₂ measurement range: 0 ~ 150 mmHg
- Respiration rate measurement range: 2 ~ 120 rpm
- SpO₂ measurement range: 30 ~ 100%
- Pulse measurement range: 25 ~ 250 bpm
- Compact and portable design.
- Visual and audible alarm system.
- Alarm limits and unit can be set.
- With automatic compensation of atmospheric pressure.
- Suitable for use in medical transfer, emergency, surgery, monitoring and other situations.



CA10S

ETCO₂ Module

Features

- Continuously measure CO₂ concentration in gas, and calculate End-tidal CO₂(ETCO₂), Inspired Minimum CO₂(UnsCO₂), AirWay Respiration Rate(AwRR).
- Elegant in appearance, clear in labeling and easy to operate.
- Optional units: mmHg, kPa and %.

Specification

- CO₂ measurement range:
0 to 150 mmHg
- CO₂ measurement accuracy:
0~40 mmHg: ±2mmHg
41~70 mmHg: ±5% of reading
71~100 mmHg: ±8% of reading
101~150 mmHg: ±10% of reading
- Respiratory monitoring range:
CO₂-M01:2rpm~120rpm
CO₂-M02:2rpm~150rpm
accuracy: ±1rpm
- Working voltage: DC 5.0V



CO2-M02



CO2-M01



CO2-M01

R100 Positive Airway Pressure

Features

- CPAP/Auto CPAP treatment model, Adjusting operating pressure.
- Leak compensation is carried out within a certain range.
- Identify Mask on and off, Smart start and stop treatment.
- Setting Ramp time, Six level operating temperature.
- Noiseless and sleep comfortably, Small and portable.
- SpO₂ device(optional), synchronized data detection and storage.
- TFT full color LCD display, adjust brightness, concise and easy to operating.
- Checking and reminding Mask leak.
- Auto pressure release.



INFUSION/SYRINGE PUMP

SP750 Infusion Pump

Features

- ◆ Flow control with high accuracy ensures optimum therapeutic effect.
- ◆ Be compatible with most standard IV Sets.
- ◆ New IV set provided by user can be calibrated by suppliers, and infusion parameters can be input into the pump, which ensures accuracy.
- ◆ Threshold for pressure alarm can be adjusted by medical personnel.
- ◆ Accompanying IV-set clamp prevents liquid flowing freely when the pump door opens accidentally.
- ◆ Stop infusing automatically during alarm(except for "NEAR END", "KVO", and "LOW BATTERY" alarms).
- ◆ Residual infusion time can be displayed during infusing.
- ◆ With reminder function for starting infusion.
- ◆ Alarm for occlusion, air bubble, door open and motor failure, etc.
- ◆ Power supply: AC/DC and built-in lithium battery.
- ◆ Infusion parameters can be saved after power off.
- ◆ 2.8" TFT-LCD.
- ◆ Operate with keys.



SP750

SP950 Syringe Pump

Features

- ◆ 2.8" LCD.
- ◆ Enter KVO mode after the injection is completed.
- ◆ The disposable syringe met national standards can be used, and the accuracy can be ensured by adjusting parameters.
- ◆ With a built-in rechargeable battery, it can automatically switch to battery-powered when power is interrupted and automatically charge once power-on.
- ◆ Alarm Functions : High priority alarms: occlusion for infusion pipe, syringe falls off, motor abnormal, no syringe installed, battery exhaustion, enter KVO, pressure abnormal etc. General alarms: near completion, low battery and standby prompt.
- ◆ With bolus injection function, convenient for supplying temporary and rapid medication.
- ◆ The system parameter and syringe type settings are protected by the password, prevents changes.
- ◆ Injection rate and total volume can be set by users.
- ◆ Audible, visible and text prompt function.



SP950

CIS1000 Central Infusion System Features

- ◆ Powerful computing performance, meets simultaneous infusion of multiple drugs.
- ◆ Audible and visual alarm system, ensures patient safety.
- ◆ 7" LCD, real-time display the infusion / alarm information of multiple Infusion / Syringe Pump, convenient and efficient to manage.
- ◆ Wired / wireless network, be applicable for use in many scenarios.
- ◆ Monitor real-time infusion status of multiple workstations simultaneously by the powerful infusion management system.
- ◆ Centralized power management, humanized infusion pipeline arrangement.
- ◆ Alarm events and infusion records can be reviewed.
- ◆ Real-time control the Infusion / Syringe Pump by the Central Infusion System, realizes centralized management.



SA100 Portable Phlegm Suction Unit Features

- ◆ Adopt an oilless vacuum pump, which is stable, durable and pollution-free.
- ◆ Adopt a stepped negative pressure regulator and a medical vacuum gauge, accurate to adjust pressure, which meets more needs.
- ◆ Adopt a four-grade damping system and a special muffler, low in noise, more quiet to work.
- ◆ 0.5um medical air filter, prevents gas generated during sputum suction from polluting the pump and air effectively.
- ◆ Large-capacity storage bottle, equip with an overflow device to prevent liquid from flowing into the pump, convenient and safe to use.



SA100



IN-VITRO DIAGNOSTICS

BC300 Semi-auto Biochemistry Analyzer

Features

- ◆ Based on Linux operating system, color graphical interface.
- ◆ Operate by 7" color LCD 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.
- ◆ Wavelength: 340, 405, 510, 546, 578, 620nm and 2 free positions.
- ◆ Support Chinese, English, Spanish, Portuguese four languages.



BC3000 Automatic Biochemistry Analyzer

Features

- ◆ Test speed: Up to 300 tests/hour (without ISE)
- ◆ Methodology: End-point, Fixed-time, Kinetic; supportive for dual-reagent and di-wavelength test.
- ◆ Test sequence: Continuous/random test mode, emergency sample priority test. Available to test according to sample sequence or test item sequence.
- ◆ Beam splitting method: patented array rear spectra separation and photoelectric detection system, totally enclosed type, mold-free and maintenance-free.
- ◆ Colorimetric method: colorimetry of 81 channels at the same time, fundamentally different from the flowcell.
- ◆ Liquid system: pressure self-releasing, double filter protection, to avoid damages of pump valve.
- ◆ Refrigerant cooling: semiconductor refrigeration system, uninterrupted cooling, stable and reliable.
- ◆ Environmental adaptation: unique machine design, ultra-quiet, dust-proof, moisture-proof, highly environmental adaptability.
- ◆ The seamless connection with Laboratory Information Management System(LIS) is supported, which achieves real-time data sharing.



BC3000

PA100 Specific Protein Analyzer

Features

- ◆ 5.6" color LCD with touch function, abundant in displaying contents, optional interface languages(Chinese and English).
- ◆ Intelligent and efficient brushing card system, no need for making standard curve and blank comparison.
- ◆ The external barcode scan module can be connected, the seamless connection with Hospital Information System(HIS) and Laboratory Information Management System(LIS) is supported, achieves real-time data sharing.
- ◆ High-brightness laser rod is adopted, ensures accurate and stable results.
- ◆ User-friendly interface, fully achieves man-machine conversation.
- ◆ The whole test process can be monitored, with the automatic prompt functions of text and audible control.
- ◆ Built-in thermal printer, optional print modes(auto & manual).
- ◆ Standard RS232 interface.

Reagents

◆ Hs-CRP	◆ FDP	◆ Lp-PLA ₂
◆ CCP	◆ SAA	◆ TRF
◆ RF	◆ 宙-MG	◆ IgA
◆ ASO	◆ RBP	◆ IgG
◆ HbA1c	◆ NGAL	◆ IgM
◆ mALB	◆ PGI	◆ C3
◆ CYS-C	◆ PGII	◆ C4
◆ D-Dimer	◆ H-FABP	



PA100

FA100 Immunofluorescence Quantitative Analyzer

Features

- ◆ 5.6" color LCD with touch function, abundant in displaying contents, optional interface languages(Chinese and English).
- ◆ Optional measurement modes: fast and standard measurement.
- ◆ User-friendly interface, fully achieves man-machine conversation.
- ◆ Intelligent and efficient brushing card system, no need for making standard curve.
- ◆ The external barcode scan module can be connected, the seamless connection with Hospital Information System(HIS) and Laboratory Information Management System(LIS) is supported, achieves real-time data sharing.
- ◆ The whole test process can be monitored, with the automatic prompt functions of text and audible control.
- ◆ Built-in thermal printer, optional print modes(auto & manual).
- ◆ Standard RS232 interface.

Reagents

◆ cTnl	◆ NT-proBNP	◆ Lp-PLA ₂
◆ CK-MB	◆ PCT	◆ MPO
◆ Myo	◆ Hs-CRP	◆ B-HCG
◆ cTnl/CK-MB/Myo	◆ HbA1c	◆ PROG/B-HCG
◆ H-FABP	◆ D-Dimer	



FA100

BC401 Urine Analyzer

BC401 Urine Analyzer is a high-precision, intellectual instrument which is researched and developed basing on modern optics, electronics, computer science and other advanced technologies for clinical inspection of urine. GLU, BIL, SG, KET, BLD, PRO, URO, NIT, LEU, VC, PH, MAL, CR and UCA in urine can be tested by using it with special test strips. And it is applicable for use in hospital, community health service, clinic, epidemic station and family, etc.

Features

- ◆ High-luminance and white LED, features in long life and good stability.
- ◆ Display abundant contents by the 2.4" LCD, optional languages: Chinese and English.
- ◆ User-friendly interface.
- ◆ Optional units: international unit, conventional unit and symbol system.
- ◆ Monitoring the whole test process, auto-character and audible prompt.
- ◆ Be compatible with 8, 10, 11, 12, 14-parameter test strip (optional based on the type of test strip).
- ◆ Standard MicroUSB interface, Bluetooth interface (Optional).

Specification

- ◆ Test items: GLU, BIL, SG, KET, BLD, PRO, URO, NIT, LEU, VC, PH, MAL, CR, UCA (optional based on the type of test strip).
- ◆ Data storage: Storage of 500 sample data, which can be queried by test date, sample No. and user name.
- ◆ Interface: Standard MicroUSB interface, Bluetooth interface (Optional).
- ◆ Power supply: DC5V, 1A, built-in rechargeable lithium battery.
- ◆ Test principle: RGB tricolor.
- ◆ Repeatability: CVW1%
- ◆ Stability: CVW1%
- ◆ Display: 2.4" color LCD.
- ◆ Working mode: one-step.
- ◆ Test speed: 60 tests/hour.

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

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: CVW1%
- ◆ Stability: CVW1%
- ◆ 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)X220mm(W)X130mm(H)



BC400



FETAL MONITORING

HA3100 Automatic Hematology Analyzer

Features

- ◆ 8" color touch screen, all parameters and histograms can be displayed in the same screen.
- ◆ Floating boundary algorithm, accurate 3-part differential of white blood cells.
- ◆ Support the expansion of external devices such as mouse, keyboard and printer.
- ◆ Optical five reference ranges: newborn, children, adult women, adult men, and general use.
- ◆ Multiple clogging elimination methods: high-pressure burning jewel hole, high-pressure reverse rinsing and soaking.
- ◆ Multi-language
- ◆ Built-in thermal printer, serial port printing and other printing methods.
- ◆ Use the cyanide-free SFT method (environmentally friendly) to measure hemoglobin.

Reagents

- ◆ Lyse
- ◆ Diluent
- ◆ PB Cleanser(optional)
- ◆ E-Z Cleanser(optional)

CMS800G Fetal Monitor

Features

- ◆ Light dexterous appearance, tops horizontally and walls can be hoisted.
- ◆ 8.0 "screen color LCD display, rotatable screen to 60°.
- ◆ Display of the patient data and curve clearly.
- ◆ FHR 120 BPM~160 BPM normal range label.
- ◆ Manual records fetal movement.
- ◆ Sound and color remind users of high and low fetal heart rate.
- ◆ Continuous 24-hour real-time monitoring function.
- ◆ Continuous 12-hour patient curve and data storage , playback and print.
- ◆ With picture lock function.
- ◆ Optional English interface.
- ◆ Single, Twins Monitoring optional.
- ◆ 9 crystal board band pulsed wave transducer.
- ◆ Extra-long life, high-resolution built-in thermal recorder.
- ◆ Built-in communication port, can be connected with central monitoring system.
- ◆ Built-in rechargeable batteries, insure that could still working normally for two hours after the.



CMS800G

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).
- ◆ Power supply: two 1.5V batteries (AAA LR03).



Baby Sound A

Baby Sound B

Baby Sound C/Baby Sound C1 Pocket Fetal Doppler

- ◆ Bar graph and heartbeat waveform color display (only for Sonoline C).
- ◆ Three working mode: Real-time FHR Display Mode, Averaged FHR Display Mode and Manual Mode.
- ◆ Pluggable USB probe interface, probe can be replaced.
- ◆ Auto shut off if there is no signal within 1 minute.
- ◆ Power supply: two 1.5V batteries (AA LR6).
- ◆ Optional probes: 2MHz, 3MHz, 8MHz probe.
- ◆ Built-in speaker.
- ◆ Battery status indication.



Baby Sound C

Baby Sound C1

CONTEC10A/CONTEC10B Pocket Fetal Doppler

Features

- ◆ Magnetic probe.
- ◆ Digits/Curve display.
- ◆ Battery level indication.
- ◆ Auto shutdown after no signal inputting for 60s.
- ◆ Two sound output modes: built-in speaker and external headphone.
- ◆ Power supply: two 1.5V batteries (AA LR6).
- ◆ Probe working frequency: 2 MHz(CONTEC10B)/3 MHz (CONTEC10A).



CONTEC10A

CONTEC10B

CONTEC10C/CONTEC10CL Pocket Fetal Doppler

Features

- ◆ Magnetic probe, compact design, convenient to use.
- ◆ Digits/Curve display.
- ◆ Battery level indication.
- ◆ Auto shutdown after no signal inputting for 60s.
- ◆ Two sound output modes: built-in speaker and external headphone.
- ◆ Enclosure protection class IP22.
- ◆ CONTEC10C Battery type: three 1.5V batteries (AA LR6).
- ◆ CONTEC10CL Battery type: 3.7V lithium battery.
- ◆ Probe working frequency: 2 MHz(CONTEC10C)/3 MHz (CONTEC10CL).



CONTEC10C/CONTEC10CL

ULTRASOUND IMAGING



CMS1700A/B/C Color Doppler Ultrasonic Diagnostic System

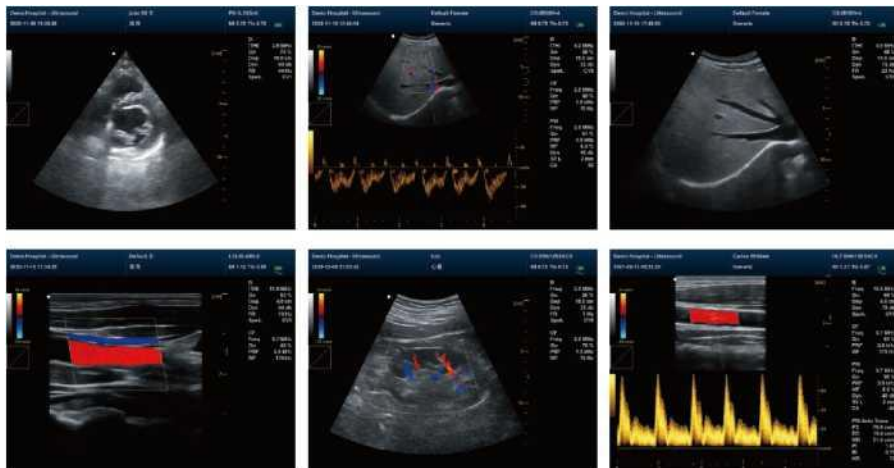
Features

- ◆ 15 Inch TFT Display
- ◆ Advanced Technologies
- ◆ Digital Beam Forming (DBF)
- ◆ Real-time Dynamic Aperture (RDA)
- ◆ Dynamic Receiving Focus (DRF)
- ◆ Tissue Harmonic Imaging (THI)
- ◆ Continuous Doppler (CW)
- ◆ Superior Phased Array
- ◆ Cardiac Imaging Technology
- ◆ Complete Software Package
- ◆ PW Auto Trace
- ◆ Trapezoid Imaging
- ◆ Compound Imaging
- ◆ B+C打PDI/DPDI+PW
- ◆ Full-Screen Display
- ◆ Display Mode
- ◆ B, B/B, 4B, PDI, 3D, 4D, M,CF, PW, CW



CMS1700A/B/C

(Optional: 3D, 4D)



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)X232mm(W)X45mm(H)



CMS1700A/B/C

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



CMS4100 Dynamic EEG System

- ◆ 24-hour carrying record, and user can perform normal activities, which is convenient for monitoring, capturing the concealed and moment EEG pathological waveform.
- ◆ Bluetooth sync sampling, real-time data uploading and waveform monitoring, routine EEG sampling function (optional).
- ◆ Waveform playback function, amplitude and playback speed are adjustable, leads combination can be set freely (such as monopolar, bipolar or user-defined).
- ◆ Function of case contrasting, simultaneously view and contrast the waveforms of two different cases or the same waveform in different time.
- ◆ System parameters can be set as required, which meets different user requirements.
- ◆ EEG signal clipping function, analyze and store any section of EEG wave, and select several waveform segments for automatically analyzing and distilling to different parameters.
- ◆ Select any one or several periods of time for power spectrum analysis, provide Compressed Spectral Array attached with analysis charts, including such as BEAM, three-dimensional activity mapping and so on.
- ◆ Spike-sharp 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 search and quick statistic information; convenient case export and import function, which is easy to store or communicate.
- ◆ Case files can be transformed into standard data format (EDF) in Europe, convenient for data exchange, academic exchange and further analysis.
- ◆ Multifunctional digital filter system provides different filter methods and window types, user can freely set low-pass, high-pass, band pass and band stop filter.



CMS4100

EMG/EP SYSTEM



CMS6600B EMG/EP System

- ◆ Professional EMG/EP operation platform and perfect test projects, complete each test in the shortest time.
- ◆ Perfect case report data and graph creating system.
- ◆ Special database management system.
- ◆ Select test part with Neuro and muscle navigation system and projects selecting system fleetly and 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.
- ◆ Simple and convenient operation panel.
- ◆ Good Electrostatic and electromagnetic interference suppression capability for using high strength and light quality metal enclosure.
- ◆ Selectable 1-4channel input mode meets multi-working modes in clinical EMG test.
- ◆ High-speed collect and process data with parallel processing technology, display data with graph.



CMS6600B

NIBP SERIES

ABPM50 Ambulatory Blood Pressure Monitor

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, error information and time.
- ◆ Optional units: mmHg and kPa.
- ◆ User-defined parameters prompt function.
- ◆ Communicate with PC, to achieve the functions of data review, result analysis, trend chart observation, reports print, etc.
- ◆ Measurement interval in AUTO mode: 15,20, 30, 40, 60,90, 120, 180, 240 minutes.
- ◆ Dimension: 128mm(L)X69mm(W)X36mm(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)



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.
- ◆ Automatic power-off when there is no operation for several minutes.
- ◆ 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.

- ◆ Optional units: mmHg and kPa.
- ◆ Low battery indication.
- ◆ Optional SpO₂ function (SpO₂ probe is necessary).
- ◆ Dimension: 130mm(L)X110mm(W)X80mm(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.



CONTEC08A

- ◆ 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)



CONTEC08C

CONTEC07A Electronic Sphygmomanometer

Features

- ◆ Be applicable for use by adult for NIBP measurement.
- ◆ One-button operation, wrap the cuff automatically to finish measurement.
- ◆ High-definition color LCD, big font display, simple and understandable in display contents.
- ◆ Measurement results can be printed, convenient for user to record.
- ◆ Be applicable for use by person whose arm circumference is in range of 17 cm ~ 42 cm.
- ◆ Optional two units: mmHg and kPa.
- ◆ USB interface and network interface.



CONTEC07A

CONTEC08D Electronic Sphygmomanometer

Features

- ◆ 7-segment LCD.
- ◆ Be applicable for adult.
- ◆ Start measuring manually store up to 99 groups of data.
- ◆ Low battery and error information indication.
- ◆ Automatic power-off when there is no operation for several minutes.
- ◆ Optional units: mmHg and kPa.
- ◆ Memory for blood pressure results.
- ◆ Dimension: 132mm(L)X130mm(W)X50mm(H).



CONTEC08D

ARTERIOSCLEROSIS



AE1000A Arteriosclerosis

Specification

ECG

Calibration voltage: 1 mv±5 %

Amplitude-frequency characteristic: 10 Hz as standard, 1 Hz~75 Hz

Noise level: W30 Δ Vp-p

CMRR: >60 dB

HR: 30 bpm ~ 300 bpm, accuracy : ±1 bpm or ±1 %, whichever is greater.

HS

Amplitude-frequency characteristic: the difference of sinusoidal waveform with input frequency 20 Hz~250 Hz and the one with input frequency 100 Hz: W10 %.

NIBP

- ◆ Measurement method: oscilloscope (single limb, unilateral, four-limb synchronous measurement)
- ◆ Measurement range: 0 mmHg~290 mmHg(0~38.6 kPa)
- ◆ Resolution: 1mmHg(0.133 kPa)

Accuracy meets the requirements of standard deviation and mean deviation in ANSI/AAMI SP-10.



AE1000A

INFRARED THERMOMETER

TP500 Infrared Thermometer

Features

- ♦ Fast and accurate to measure the body temperature.
- ♦ A portable device, which can be applied in many occasions.
- ♦ Prompt whether the temperature value is normal by the backlight, intuitively and obviously to check.
- ♦ It is applicable for temperature measurement on human body and temperature screening in places with large flow.
- ♦ Automatic, safe, fast and accurate to measure the body temperature. LCD display, convenient to read the values. It is a portable device, which does not contain mercury.
- ♦ Power management: intelligent shutdown, ultra-low power consumption, power display and low-battery prompt.

Performance

- ♦ Resolution: 0.1 T (0.2 °F)
- ♦ Display range: 32.0 T ~ 43.0 T (89.6 F ~ 109.4 °F)
- ♦ Accuracy: ±0.2 T
- ♦ Measurement time: < 1 s
- ♦ Working voltage: DC 3 V (two "AAA" batteries)
- ♦ Physical characteristic:
- ♦ Dimension: 71.9 mm (L) X 39.9 mm (W) X 137.2 mm (H)
- ♦ Weight: about 130 g



Normal shown in blue



Slightly high shown in yellow



Too high shown in red

TP500



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.
- ♦ SpO₂ simulation.
- ♦ Pulse rate simulation.
- ♦ Simulate presettable patient state.
- ♦ Test reaction time of the device.
- ♦ TFT-LCD with adjustable backlight brightness.
- ♦ Film button, more comfortable to operate.
- ♦ With rechargeable lithium battery.
- ♦ Simulate SpO₂ and PR under different amplitudes.
- ♦ Test device performance under different interference source.
- ♦ Dimension: 189mm(L)X125mm(W)X56 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.
- ♦ Built-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)X265mm(W)X132mm(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)X125mm(W)X43.2mm(H)



MS400

MS500 Universal Multiparameter Simulator

Features

- ◆ Support the inspection procedure of standards performance requirement of all versions for the Electrocardiograph, Electrocardiographic monitors, Dynamic Electrocardiograph and Electroencephalogram Mapping.
- ◆ Output of function signals: sine wave, square wave, triangular wave, pulse wave and DC signals, etc., amplitude and frequency is adjustable.
- ◆ Output of various types of medical signals: normal ECG wave, multiple abnormal ECG waves, RESP wave, EEG wave, etc. HR, wave group parameters, period and amplitude are adjustable.
- ◆ Testing and calibration of 18-lead ECG equipment.
- ◆ Output of waveform signals, including normal sinus rhythm, irregular heartbeat, body temperature and IBP.
- ◆ Create/Edit/Delete any test signal under operation interface, record and save the simulated signal as needed.



MS500

MS900 Vital Signs Simulator

Features

- ◆ Simulate many physiological parameters.
- ◆ Corresponding waveform signal can be output according to the requirements of relative standards, and the test items in relative standards can be extended.
- ◆ High-resolution 7" color LCD, operate by touch screen and functional buttons, convenient and fast to operate.
- ◆ AC/DC (frequency: 50/60 Hz), built-in rechargeable lithium battery and charging circuit.
- ◆ User-defined test solution which can be saved, achieves flexible configurations among solutions.
- ◆ Dimension: 380 mm(L) X 260 mm (W) X 160 mm(H)



MS900