PATIENT MONITORING

JUNE - 2008

MEDICAL CONSUMER PRODUCTS

MONITORING

Quality System Standard applied: **ISO 9001**, **ISO 13485**

CE Certification. 1011

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MULTI-PARAMETERS PATIENT MONITORING

VITAL SIGN MONITORS

OBSTETRIC MONITOR

| OEM & ACCESSORIES |
|---|

HEALTH CARE

The Company is a high-tech enterprise for manufacturing medical equipment in China. The company was founded in January 2000. Since its foundation Supplier has been working hard on the research, development, manufacture and sales of electronic medical equipment, especially patient monitors and homecare devices.

The Company has established its quality management system according to ISO 9001 & ISO 13485 standards. With a strict control of quality management, most of its products have been CE marked and some products have been approved by FDA 510(K) Premarket Notification.

Its current products include Pulse Oximeter (such as Finger Oximeter, Handheld Pulse Oximeter and Wrist Oximeter), Easy ECG monitor, Patient Monitors, Obstetric/Fetal Monitors, Fetal Doppler, and Central Monitoring System etc.

Together with its partners, The Company is trying its best to provide products of good quality in affordable price for the healthcare of more people.

PC-9000B
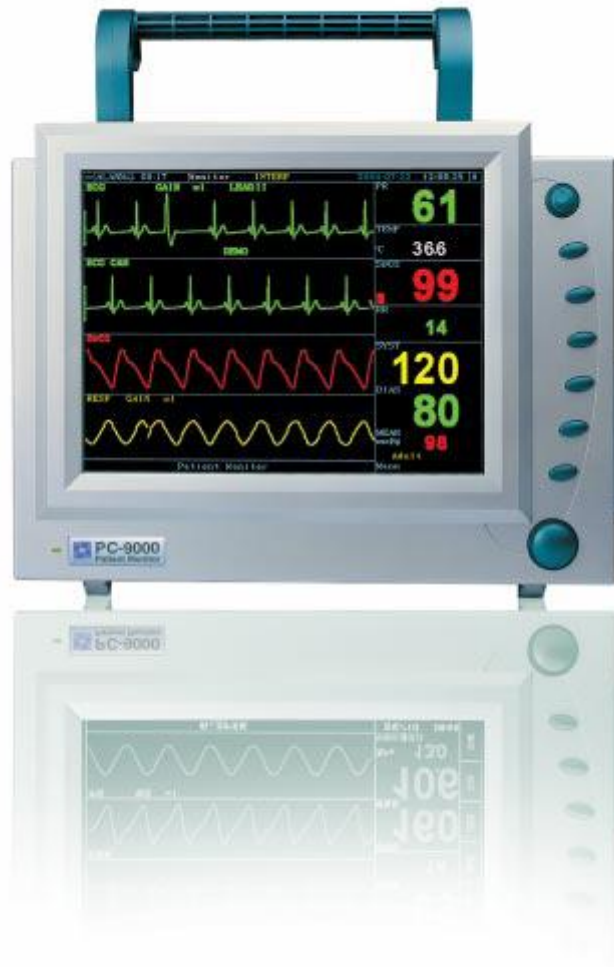
Product description :
12.1" colour TFT display, 5-channel waveform display
Standard parameter: ECG, SpO2, RESP, NIBP, TEMP and Pulse
S-T segment automatic analysis
ECG wave freezing with manual analysis
Trend data analysis for 12/24/96 hours
Store and review a list of 400 groups of parameter data and 5-minute ECG waveforms
Automatic analysis of 20 VPC
Protection against interference from defibrillator and electrosurgical knife
Pacemaker detection
Adult/Paediatric/Neonatal measurement modes
Built-in rechargeable battery
Networking capabilityConvenient & swift knob operation.

ECG
Heart rate range 20 bpm-250 bpm
Bandwidth monitoring mode: 0.5 Hz-40 Hz
Diagnosis mode: 0.5 Hz-75 Hz
Accuracy _1% or _2 bpm (whichever larger)
Alarm High & Low limits setting, user adjustable
Automatic memory

ECG lead GND, standard_, _ & _,AVR, AVL & AVF, V1-V6
Resolution 1 bpm
S-T segment detection -2.0-2.0 mV, automatic
Arrhythmia analysis Yes
Lead off alarm Yes, visual and audible alarm
Sweep speed 12.5/25/50 mm/sec
Gain selection _1/2, _1, _2 and automatic
Protection Resistance against the interference from electrosurgical knife, defibrillator, mains and EMG
ECG lead/cable
General adult and paediatric lead/cable (standard)
General Paediatric and neonatal clip type lead/cable (optional)

Non-invasive Blood Pressure (NIBP)
Measurement method Automatic Intelligent oscillation method
Parameters Systolic, diastolic and mean pressure
Alarm High & Low limits setting, user adjustable
Automatic memory
Working mode Manual, automatic and STAT (continuous, 5 minutes)
Unit mmHg/kPa selectable
Cuff pressure range 0 mmHg-300 mmHg
Cuff inflation time _10sec (standard adult cuff)
Cuff deflation time: _2sec (standard adult cuff)
Cuff type Adult cuff (standard)
Paediatric/Neonatal cuff (optional)
Measurement range Adult/Paediatric:
Systolic pressure: 25 mmHg-265 mmHg
Diastolic pressure: 12 mmHg-220 mmHg
Mean pressure: 18 mmHg-245 mmHg
Neonatal:
Systolic pressure: 25 mmHg-135 mmHg
Diastolic pressure: 12 mmHg-110 mmHg
Mean pressure: 18 mmHg-120 mmHg
Time for automatic measuring 1-240min

Respiration (RESP)
Measurement method Thoracic impedance
Measurement range 0 bpm-100 bpm
Accuracy _10%
Alarm High & Low limits setting, user adjustable
Automatic memory

Temperature (TEMP)
Measurement range 25_-45_
Resolution 0.1_
Accuracy _0.2_
Probe Body surface probe (standard)
Rectal/ oesophageal probe (optional)
Alarm High & Low limits setting, user adjustable
Automatic memory

Pulse Oxygen Saturation (SpO2)
Display SpO2 value, SpO2 waveforms, pulse rate and pulse histogram
Measurement range 35%-100%
Resolution 1%
Accuracy _2% (90%-99%) _4% (70%-89%) _6% (40%-69%)
Pulse rate range 30 bpm-240 bpm
Probe Adult: finger clip (standard)
Paediatric and neonatal: multi-functional SpO2 sensor (optional)
Alarm High & Low limits setting, user adjustable
Automatic memory

Printer
Type Built-in thermal printer
Print mode Real-time or event trigged recording of waveforms and texts

Other Specifications

Power supply 220V AC 50Hz and 100-250CAC 50/60Hz selectable
Power consumption _ 80VA
Gross weight 15Kg
Dimensions 355 (L) _ 190(W) _ 350(H) (mm)
Battery Sealed lead acid rechargeable
Service life 2 hours
Safety standard IEC60601-1 (GB 9706.1)
Quality system ORKI 13485-2003 certified
CE EN ISO 13485:2003 certified

Configuration

Standard configurations Heart rate, all-lead ECG, NIBP, SpO2, respiration, temperature, pulse, internal battery
Optional configurations Internal printer, mounting bracket, paediatric and adult accessories
Display 12.1" colour TFT display, dual screen connective

UP-6000

Product description :

12.1" colour TFT display
Standard parameter: ECG, SpO2, RESP, NIBP, TEMP and Pulse

Optional parameter: Dual IBP, CO2 and Cerebral State Monitor (CSM)
S-T segment automatic analysis
ECG wave freezing with manual analysis
Simultaneous real time & trend data analysis for 12/24/96 hours
Store and review a list of 400 groups of parameter data and 24-hour ECG waveforms
Automatic analysis of 20 VPC
Protection against interference from defibrillator and electrosurgical knife
Pacemaker detection
Adult/Paediatric/Neonatal measurement modes
Built-in rechargeable battery
Visual and audible alarms
Networking capability

ECG
Heart rate range 15 bpm-300 bpm
Bandwidth
Monitoring mode: 0.5 Hz-40 Hz
Diagnosis mode: 0.5 Hz-75 Hz
Accuracy _1% or _2 bpm (whichever larger)
Alarm
High & Low limits setting, user adjustable
Automatic memory
ECG lead
GND, standard_, _ & _,
AVR, AVL & AVF, V1-V6
Resolution 1 bpm
S-T segment detection -2.0-2.0 mV, automatic
Arrhythmia analysis Yes
Lead off alarm Yes, visual and audible alarm
Sweep speed 12.5/25/50 mm/sec
Gain selection _1/2, _1, _2 , _4 and automatic
Protection Resistance against the interference from electrosurgical knife, defibrillator, mains and EMG
ECG lead/cable
General adult and paediatric lead/cable (standard)
General Paediatric and neonatal clip type lead/cable (optional)

Non-invasive Blood Pressure (NIBP)
Measurement method Automatic Intelligent oscillation method
Parameters Systolic, diastolic and mean pressure
Alarm
High & Low limits setting, user adjustable
Automatic memory
Working mode
Manual, automatic and STAT (continuous, 5 minutes)
Unit mmHg/kPa selectable
Cuff pressure range 0 mmHg-300 mmHg
Cuff inflation time _10sec (standard adult cuff)
Cuff deflation time: _2sec (standard adult cuff)
Cuff type
Adult cuff (standard)
Paediatric/Neonatal cuff (optional)
Measurement range Adult/Paediatric:
Systolic pressure: 25 mmHg-265 mmHg
Diastolic pressure: 12 mmHg-220 mmHg
Mean pressure: 18 mmHg-245 mmHg
Neonatal:
Systolic pressure: 25 mmHg-135 mmHg
Diastolic pressure: 12 mmHg-110 mmHg
Mean pressure: 18 mmHg-120 mmHg
Time for automatic measuring 1-240min

Respiration (RESP)
Measurement method Thoracic impedance
Measurement range 0 bpm-100 bpm
Accuracy _10%
Alarm

High & Low limits setting, user adjustable
Automatic memory

Temperature (TEMP)
Measurement range 25_-45_
Resolution 0.1_
Accuracy _0.2_
Probe
Body surface probe (standard)
Rectal/ oesophageal probe (optional)
Alarm
High & Low limits setting, user adjustable
Automatic memory

Pulse Oxygen Saturation (SpO2)
Display SpO2 value, SpO2 waveforms, pulse rate and pulse histogram
Measurement range 35%-100%
Resolution 1%
Accuracy _2% (90%-99%) _4% (70%-89%) _6% (40%-69%)
Pulse rate range 30 bpm-240 bpm
Probe Adult: finger clip (standard)
Paediatric and neonatal: multi-functional SpO2 sensor (optional)
Alarm
High & Low limits setting, user adjustable
Automatic memory

Printer
Type Built-in thermal printer
Print mode
Real-time or event trigged recording of waveforms and texts

Other Specifications
Power supply 220V AC 50Hz or 100-250VAC 50/60Hz
Power consumption _ 80VA
Gross weight 11.5Kg
Dimensions 335 (L) _165(W) _305(H) (mm)
Battery sealed lead acid rechargeable
Service life 2 hours
Safety standard IEC60601-1 (GB 9706.1)
Quality system ORKI 13485-2003 certified
CE EN ISO 13485:2003

Configuration
Standard configurations
Heart rate, all-lead ECG, NIBP,
SpO2, respiration, temperature, pulse, internal battery
Accessories
ECG lead cable (5-lead), adult NIBP cuff,
SpO2 sensor, skin surface temperature transducer, ECG electrode, power supply
cable, grounding wire and dust cover
Optional configurations
Mounting bracket, internal and external printer, dual IBP and CO2
Display: 12.1" colour TFT display, dual screen connective

PC-5000

Product description :

10.4" colour TFT, 5-channel waveform display
ST segment automatic analysis
ECG wave freezing with manual analysis
Automatic analysis for 20 VPC
Trend data analysis for 12/24/96 hours
Store and review a list of 400 groups of parameter data and 24-hour ECG waveforms
Protection against interference from defibrillator, electrosurgical knife.
Pacemaker detection
Adult/Paediatric/Neonatal measurement modes
Networking capability
Visual and audible alarms

ECG

Heart rate range 20 bpm-250 bpm
Bandwidth monitoring mode: 0.5 Hz-40 Hz
Diagnosis mode: 0.5 Hz-75 Hz
Accuracy _1% or _2 bpm (whichever larger)
Alarm range
High & Low limits setting, user adjustable
Automatic memory
ECG lead
GND, standard_, _ & _, AVR, AVL & AVF, V1-V6
Resolution 1 bpm

S-T segment detection -2.0-2.0 mV, automatic
Arrhythmia analysis Yes
Lead off alarm Yes, visual and audible alarm
Sweep speed 12.5/25/50 mm/sec
Gain selection _1/2, _1, _2 and automatic Protection
Resistance against the interference from electrosurgical knife, defibrillator, mains and EMG ECG lead/cable
General adult and paediatric lead/cable (standard)
General Paediatric and neonatal clip type lead/cable (optional)

Non-invasive Blood Pressure (NIBP)
Measurement method intelligent oscillation method
Parameters Systolic, diastolic and mean pressure
Alarm
High & Low limits setting, user adjustable
Automatic memory
Working mode
Manual, automatic and STAT (continuous, 5 minutes)
Unit mmHg/kPa selectable
Cuff pressure range 0 mmHg-300 mmHg
Cuff inflation time _10sec (standard adult cuff)
Cuff deflation time: _2sec (standard adult cuff)
Cuff type
Adult cuff (standard)
Paediatric/Neonatal cuff (optional)
Measurement range Adult/Paediatric:
Systolic pressure: 25 mmHg-265 mmHg
Diastolic pressure: 12 mmHg-220 mmHg
Mean pressure: 18 mmHg-245 mmHg
Neonatal:
Systolic pressure: 25 mmHg-135 mmHg
Diastolic pressure: 12 mmHg-110 mmHg
Mean pressure: 18 mmHg-120 mmHg
Time for automatic measuring 1min-240min

Respiration (RESP)
Measurement method Thoracic impedance
Measurement range 0 bpm-100 bpm
Accuracy _10%
Alarm High & Low limits setting, user adjustable
Automatic memory

Temperature (TEMP)
Measurement range 25_-45_
Resolution 0.1_
Accuracy _0.2_
Probe Body surface probe (standard)
Rectal/ oesophageal probe (optional)
Alarm High & Low limits setting, user adjustable
Automatic memory

Pulse Oxygen Saturation (SpO2)
Display SpO2 value, SpO2 waveforms, pulse rate and pulse histogram
Measurement range 35%-100%
Resolution 1%
Accuracy _2% (90%-99%) _4% (70%-89%) _6% (40%-69%)
Pulse rate range 30 bpm-240 bpm
Probe Adult: finger clip (standard)
Paediatric and neonatal: multi-functional SpO2 sensor (optional)
Alarm High & Low limits setting, user adjustable
Automatic memory

Printer
Type Built-in thermal printer
Print mode Real-time or event trigged recording of waveforms and texts

Other Specifications
Power supply 220V AC 50Hz and 100-250VAC 50/60Hz selectable
Power consumption _ 80VA
Gross weight 8.8Kg
Dimensions 300 (L) _ 150(W) _ 310(H) (mm)
Battery sealed lead acid rechargeable
Service life 2 hours
Safety standard IEC60601-1 (GB 9706.1)
Quality system ORKI 13485-2003 certified
CE EN ISO 13485:2003

Configuration
Standard configurations Heart rate, all-lead ECG, NIBP, SpO2, respiration, temperature, pulse, neonatal accessories, internal battery
Optional configurations:
Internal printer, mounting bracket, paediatric and adult accessories
Display 10.4" colour TFT display

VITAL SIGN MONITORS

PC-900

Product description :

vital signs monitor is a small Multi-parameter Patient Monitor, which can monitor the vital physiological parameters including Non-Invasive Blood Pressure (NIBP), and Pulse Oxygen saturation (SpO2).

Features:
Blood Pressure, SpO_2 and Pulse Rate are displayed by big, bright numerical LEDs;
Plethysmogram and system parameters are displayed on dot matrix LCD screen;
Accurate NIBP measurement with hardware over-pressure protection;
Unique SpO_2 measuring technique ensures sensitive and accurate SpO_2, Pulse Rate and Perfusion Index measurement;
SpO_2 trend curve display for last 12, 24, or 96 hours;
 Up to 400 groups of NIBP measurements can be stored and reviewed by list;
 Audible & visible alarm with 3 levels of alarm events;
Nurse call output is available;
NIBP measurement is applicable to adult, paediatric and neonate by patient selection;
Built-in printer is optional to print out waveforms, and text information.

NIBP Monitoring

Technology: Oscillometric method.
Cuff inflation time: <30 seconds (standard adult cuff)
Air release time during measurement: < 90 seconds on the average
Air release time while the measurement is cancelled: <2 seconds (standard adult cuff)
Initial cuff inflation pressure: Adult mode: 180mmHg, Paediatric mode: 120mmHg
Overpressure protection limit: Adult: 300 mmHg, Paaediatric: 150 mmHg

Standard measurement range:

Systolic: Adult: 25 - 265mmHg Paediatric: 25 – 135mmHg
Diastolic: Adult: 12 - 220mmHg Paediatric: 12 – 110mmHg
MAP: Adult: 18 - 245mmHg Paediatric: 18 – 120mmHg

Measurement accuracy:

Systolic ±10% Diastolic ±10% MAP ±10%
Measurement mode: Manual, Auto, STAT
The cycle interval at auto mode: 1~240 Min Tolerance: ＜10s

SpO2 Monitoring

Sensor: dual-wavelength LED
SpO_2 measurement range: 35%~100%

SpO_2 measurement accuracy:

75% - 99% ±2%
35% - 74% ±3%
Low perfusion performance: 0.4%
Pulse rate measurement range: 30bpm~250bpm
Pulse rate measurement accuracy: ±2bpm or 2% whichever is greater.

4 Types Selectable:

PC-900S: For SpO_2 measurement

PC-900N: For NIBP measurement

PC-900E: For ECG measurement

PC-900: For SpO_2 and NIBP measurement

OBSTETRIC MONITOR

FŒTAL MONITOR PC-800

Product description :

6_LCD display for FHR, FM, and waveforms of FHR and TOCO

FM marking function can be set automatically or manually

Built-in 110mm thermal printer

Portable type in a compact design

All the operations are controlled by computer

Applicable in hospitals and patient's home

Networking capability

Ultrasonic

Working theory Pulse Doppler system
Ultrasonic working frequency 1MHz
Ultrasonic output intensity ISATA 2.5mW/cm2
Sampling rate 1KHz
FHR Measuring range 35bpm~220bpm
FHR accuracy 1bpm (65-210bpm)
FHR volume 1~14 grades adjustable, default: 7
FHR alarm High and low limits setting, automatic memory

TOCO

TOCO transducer External pressure transducer
TOCO measuring range 100g~400g
TOCO pressure display 0~100
TOCO alarming range High limit: 1~100%, default: 100%
Low limit: 0~99%, default: 0%
Zero setting mode Manual

FM

FM working mode Automatic and manual FM marking function
A solid triangle mark emerges Only one time will be counted within at the top of FHR waveform five minutes even if the key is pressed for many times

Other Specifications

Main structure Integrative and portable
Screen 6_LCD display
Waveforms FHR and TOCO waveforms display,
FM marking function
Interface English

Operating Environment

Ambient temperature 5~40_

Relative humidity _85%
Atmospheric pressure 86kPa~106kPa

Power supply
Power supply 220 VAC, 50 Hz and 100-250VAC 50/60Hz selectable
Power consumption _ 50 VA
Review time 3 hours
Safety standard EN IEC60601-1 (GB9706.1)
Quality system
ORKI 13485:2003
CE EN ISO 13485:2003

Printer
Printer type Built-in 110mm thermal printer
Print mode Real-time or event triggered recording of waveforms and texts

Configuration
Standard configuration Ultrasonic transducer, TOCO transducer,
FM marker, build-in 110mm thermal printer
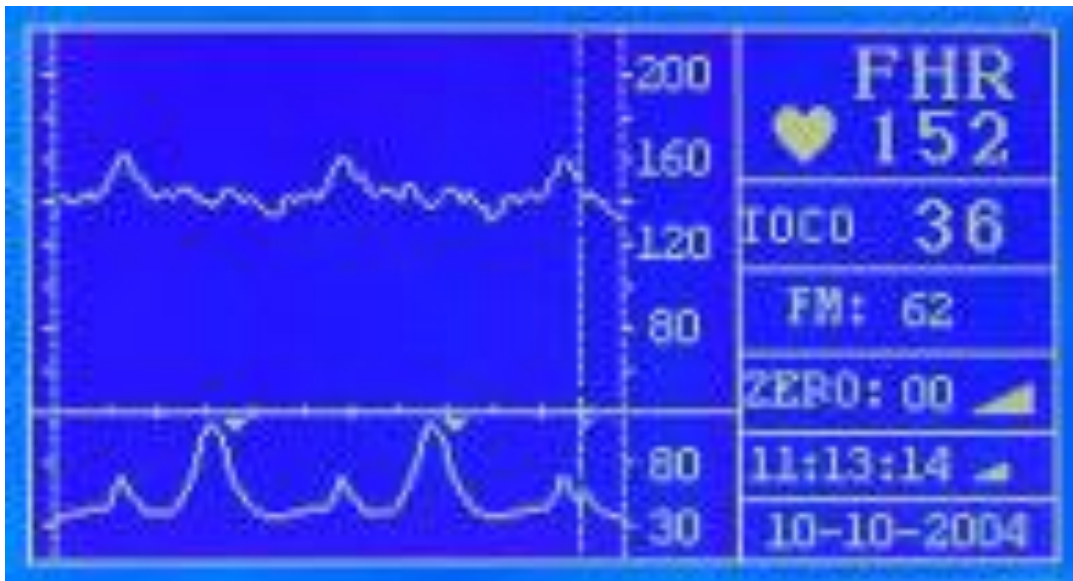
FŒTAL DOPPLER PC-860B

Product description : This Foetal Doppler is a handheld carry-home Foetus/Mother monitor.

The **Foetal (Hearbeat) Doppler** is used to monitor and display the **Foetal Heart Rate** (FHR), which can be used to analyze the healthy condition of foetus for pregnant women. As a result, the **Foetal** Doppler can provide doctors with useful references for diagnosis.

The **PC-860B Foetal Doppler** has following features:
LCD display, and with EL backlight
With two display modes: Numerical Display of FHR and Curve Display of FHR variety
The calculation of FHR is precise and credible because of using the same DSP (digital signal processing) technology and FHR arithmetic as clinical **Foetal** monitor;
Supersonic working frequency is 1 MHz, which is much lower than **Foetal** monitoring requirement (refer to international standard), so it's safer;
Embedded speaker and audio output port;
With Alarm function, and the alarm limits can be set.
3xAA batteries are used and with battery state indication;
Power off automatically if no FHR signal can be detected lasting for more than 1 minute
Friendly user interface and easy operation;

The Fetal (Heartbeat) Doppler is applicable to use for pregnant women in maternity department of hospitals, in clinics, or home healthcare.

Comparison of PC-860A and PC-860B

	LCD Display	Working mode and frequency
PC-860A	Numerical Display	Continuous Wave, 2.5MHz
PC-860B	Wave Display	Pulse, 1MHz

OEM & ACCESSORIES

NIBP Module

Product description：The NIBP Module combines the hardware and software of Non-Invasive measurement of Blood Pressure. The NIBP Module has the following features:
Automatic oscillometric technology.
Appropriate to adult, paediatric, and neonate
4 working modes with Automatic, Manual, STAT and Calibration
Step deflation with artefact suppression algorithm
Low power consumption.

Specifications

Size:	90mm(L) x 70mm(W) x 38mm (H)
Weight:	250g
Power supply:	12VDC
Power consumption:	max. current during measurement: 200mA; max. current during inflation: 300mA max. current during stand: 50mA
Communications:	UART interface with TTL level, default baud rate: 4800bps

Measurement Ranges:

Adult:
Systolic: 40 to 270 mmHg
MAP: 20 to 230 mmHg
Diastolic: 10 to 210 mmHg
Pulse Rate: 40 to 240 bpm

Paediatric:
Systolic: 40 to 200 mmHg
MAP: 20 to 165 mmHg
Diastolic: 10 to 150 mmHg
Pulse Rate: 40 to 240 bpm

Neonate:
Systolic: 40 to 135 mmHg
MAP: 20 to 105 mmHg
Diastolic: 10 to 95 mmHg
Pulse Rate: 40 to 240 bpm

Resolution
Pressure: 1 mmHg
Pulse Rate: 1 bpm

Accuracy
NIBP: Meets ANSI/AAMI SP10-1992
Pulse Rate: ?% or ? bpm, whichever is greater
Pressure measuring accuracy: ?mmHg

LFC SpO2 Module

Sensitive, Accurate, Reliable and Smaller

Fully digital circuit design with *light-frequency-conversion* sensor makes the oximetry modules more sensitive and accurate at low perfusion, more reliable and smaller in size.

Because of the digital signal transmission from the probe to the circuit, the special reinforced shielded cable is not required to connect to the probe, and the length of cable can be longer.

Detailed features are described in the following table

Module 1 (LFC-5)	> SpO2, Pulse Rate, Perfusion Index and Plethysmograph output > Applicable to adult, paediatric, and neonate > Better performance at low perfusion > Artefact and noise suppression > UART interface with BCI compatible communication protocol > Wide range of working voltage from 4.2V to 6V > Appropriate for use in **multi-parameter patient monitors**
Module 2 (LFC-3)	> SpO2, Pulse Rate, Perfusion Index and Plethysmograph output > Applicable to adult, paediatric, and neonate > Artifact and noise suppression > UART interface with BCI compatible communication protocol > Low working voltage as 3V and low power consumption > Applicable for use in battery powered oximeter, such as **fingertip, wrist, or handheld oximeters**.

SPO2 PROBE

Nellcor SpO2 Cable
Nellcor SpO2
Compatible, SpO2 Probe
Adult, Clip (with D-type connector to SpO2 cable)
Adult, Soft Tip
SpO2 Cable (with connector to oximeter/monitor at one end and D-type connector to probe at the other)
Clip, Paediatric (with D-type connector to SpO2 cable)
Paediatric, Soft Tip (with D-type connector to SpO2 cable)

BLOOD PRESSURE CUFF

Cuff Model	Arm Circumference	Cuff Width
Neonate Cuff	6.0cm～9.5cm	3cm
Small-sized Paediatric Cuff	6cm～11cm	4.5cm
Middle-sized Paediatric Cuff	10cm～19cm	8cm
Large-sized Paediatric Cuff	18cm～26cm	10.6cm
Adult Cuff	25cm～35cm	14cm

ECG LEAD WIRE AND TEMPERATURE PROBE

ECG Lead Wire - Adapt to PC-80A & PC-80B
ECG Lead Wire
Coelom TEMP Probe
Skin TEMP probe

OTHER ACCESSORIES

Multi-functional Board
TOCO Probe
FM(Fetal Movement) Probe
Foetal Monitor Module

PULSE OXIMETER

There are 3models of **Fingertip Oximeter**, which are **PC-60A**, **PC-60 and PC-60C**. Their differences are described as following tables

Products Name	Display	Measuring Parameters	Power Supply management	Alarm Indication
PC-60A fingertip Oximeter	Black & White LCD	SpO$_2$, Pulse Rate, and Pulse Intensity	Automatic power-off	No
PC-60B fingertip Oximeter	Black & White LCD with backlight	SpO$_2$, Pulse Rate, Perfusion Index, and Pulse Intensity	Automatic power-on and power-off	Yes
PC-60C fingertip Oximeter	Colour OLED Screen	SpO$_2$, Pulse Rate, Perfusion Index, and Pulse Intensity; And also with plethysmograph display.	Automatic power-on and power-off	Yes

TECHNICAL SPECIFICATION

Measuring range :
Pulse: 30 bpm – 240 bpm
SpO2 : 35% - 99%
PI: 0.2% - 2.0%
Accuracy:
    SpO2:   +/- 2% (During 75% - 99%)
                +/- 3% (During 50% - 75%)
    Pulse rate: +/- 2 bpm or +/- 2% whichever is greater
    PI: +/- 0.1% (During 0.2% - 2.0%)
                +/- 1% (During 2.0% - 10%)

Resolution:
SpO2: 1%
Pulse rate: 1 bpm
PI: 0.1%

Alarm range:
SpO2 alarm: low limit 90%
Pulse rate alarm: High limit 120 bpm
                     Low limit 50 bpm

Power supply requirement: 1.5 V (AAA size) alkaline battery x 2

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Battery voltage: 2.7 V – 3.3 V

Resistance to surrounding light:
The difference between the values measured in the conditions of indoor natural light and that of darkroom is less than +/- 1%
Resistance to interference of man-made light:
> Values of SpO2 and Pulse Rate can be accurately measured by pulse oxygen simulator.

Photosensitive components:
Red light (wavelength: 660 nm) and infrared (wavelength: 940nm)

Dimensions:
66 mm (L) x 36 mm (W) x 33 mm (H)

Net weight: 60 g (including batteries)

Classification
The type of protection against electric shocks: Internally powered equipment
The degree of protection against electric shocks: Type BF equipment
Electro-magnetic Compatibility: Group I, Class B

Accessories:
1 hanging cord
2 AAA batteries
1 pouch
1 user manual

Optional accessories
Carry Case -

Handheld Oximeter PC-66B

Product description : The Handheld Pulse Oximeter can monitor SpO2, Pulse Rate (PR), Pulse Intensity and Perfusion Index; it can store SpO2 and PR data, which can be uploaded to PC for further review and analysis. As a result, it can be reviewed the SpO2 trend curves. This pulse oximeter is applicable to home, hospital, and clinic.
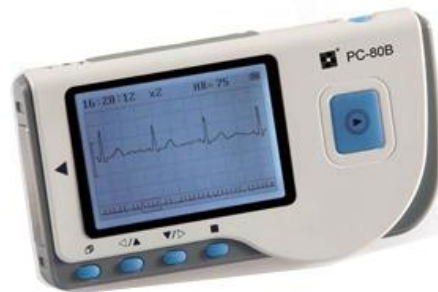
Wrist Oximeter PC-68

Product description : The PC-68B Wrist Oximeter is small, lightweight and available for home use as well as clinics in long-term and comfortable monitoring. It can be simply worn on the patient's wrist as the watch to start the monitoring devices, and can be used in sports to measures SpO2 and pulse rate etc.

EASY ECG MONITORS

PC-80A   **PC-80B**

PC-80A   =>   Easy ECG Monitor is designed for home use with the purpose of health care, and is suitable for users who may suffer from cardiovascular disease, such as hypertension, diabetes, coronary heart disease etc.It can be used to check their heart conditions regularly, and the stored ECG records can be used as a reference for clinical ECG examination.

PC-80B   =>   ECG waveform and analysis results are displayed on high resolution LCD. Automatic Power-off without signal for 35 seconds. 500 times measurement can be taken with two batteries. Data can be stored in an inserted SD card.