

# BT-PM8A

## MULTI-PARAMETER PATIENT MONITOR



BT-PM8A multi-parameter patient monitor is our newest product. The display is 7 inch high resolution color TFT. It is equipped with 4 parameters including ECG, NIBP, SpO2, RESP. These four parameters can be flexible. You can choose different combinations as you need. This monitor is built-in rechargeable lithium battery. The working capacity is 5 hours. IBP is optional.

### Features & Benefits:

- 4 Standard parameters: ECG, NIBP, SpO2, RESP.
- 7 inch high resolution color TFT LCD display.
- Real time S-T segment analysis, pace-maker detection.
- Indication of Incorrect manipulation and malfunction analysis.
- Patient info input management function
- Multi-lead ECG waveforms display in phase.
- Large volume of tabular and graphic trends information storage and easy to recall.
- Capture dynamic waveforms.
- Efficient resistance to interference of defibrillator and HF knife.
- UP to 4 hours working capacity of built-in rechargeable lithium battery.
- Unique accessory management cabinet.
- Networking capacity.
- Option: IBP

# BT-PM8B



BT-PM8C



BT-PM8D

## BT-PM8B/C/D MULTI-PARAMETER PATIENT MONITOR

BT-PM8B multi-parameter patient monitor is a robust patient monitor, small enough to move around, yet flexible enough to adapt to your particular needs. With a variety of optional extras, including arrhythmia and ST analysis, EtCO2 measurement and double IBP, BT-PM8B multi-parameter patient monitor is configurable to suit your requirements. Purchase only the advanced features that you need and nothing more. With NIBP recall and extensive data storage capability, BT-PM8B multi-parameter patient monitor is particularly well-suited for use in peri-anesthesia and critical care environments. Rich in functions, conveniently adaptable and pleasingly affordable, BT-PM8B multi-parameter patient monitor may be just the monitor for your department.

### Features & Benefits:

BT-PM8B 12.1"high resolution color TFT LCD display.

BT-PM8C 12.1"high resolution color TFT LCD display.

BT-PM8D 15"high resolution color TFT LCD display.

- 6 Standard parameters: ECG, RESP, NIBP, SPO2, 2-TEMP, PR/HR.
- Real time S-T segment analysis, pace-maker detection.
- Indication of Incorrect manipulation and malfunction analysis.
- Patient info input management function
- Multi-lead ECG waveforms display in phase.
- Large volume of tabular and graphic trends information storage and easy to recall.
- Capture dynamic waveforms.
- Efficient resistance to interference of defibrillator and HF knife.
- UP to 2 hours working capacity of built-in rechargeable battery.
- Unique accessory management cabinet.
- Networking capacity.
- Option: IBP, ETCO2 and 2-IBP.

# BT-PO9A

## FETAL DOPPLER



This fetal doppler is designed to meet routine examination requirements for pregnant women in hospitals and clinics or at home, it is a high performance model with FHR digital. The fetal doppler uses ultrasound technology to detect doppler sounds from the fetus as early as 16 weeks of pregnancy to the baby first moment of life.



### Features:

- Advanced Digital Signal Processing (DSP) technical applied for real-time calculation of FHR
- 2.4" TFT display, can be used in any illumination conditions
- High sensitivity probe with 2.0 MHz in continuous wave
- Accurate and reliable FHR detection with clear sound
- Ergonomic design, portable and convenience
- Building-in rechargeable Li-ion battery and battery capacity indicator
- Date and time function.
- Long time continuous use up to 4 hours
- Auto power off for energy saving
- Built-in speaker and ear-phone output
- Low ultrasound power, safe to the fetus

### Specification:

Safety	Class II, Type B
Display	2.4" TFT display
Power Supply	Built-in rechargeable batteryDC, Working voltage: 3.6V, Li-ion batteryContinuous operating time: > 4 hoursAC rechargerSpeaker power: 1WAuto shut-off: no signal, no pressing key operation, it will power off automatically after 1 minute
Ultrasound transducer	Working frequency: 2.0MHzWorking mode: Continuous/pulsed DopplerEffective ultrasound send/incept area: 490mm2Ultrasound strength: <=5mW/cm2Total sensitivity: >=90dB, at the distance 200 mm to the surface of the probe, the target frequency is 140bpm
FHR	Automatic FHR sound detection or speaking FHR Measurement range: 50~210BPM of 2.0MHz Measurement accuracy: ±1% or ±1BPM

# BT-PM9A

## MATERNAL / FETAL MONITOR



### Introduction:

- \* 12.1" high resolution color TFT LCD display. \* Simple and friendly operating display interface..
- \* 9 Standard parameters: ECG, RESP, NIBP, SPO2, 1-TEMP, PR/HR, FHR, TOCO, FM.

### Features & Benefits:

- 9 Standard parameters: ECG, RESP, NIBP, SPO2, 1-TEMP, PR/HR, FHR, TOCO, FM.
- 12.1"high resolution color TFT LCD display. Simple and friendly operating display interface.
- 9-wafer impulse ultrasound transducer, configured with special HR self correlation reading algorithm to ensure correct and reliable fetal heart rate (FHR) measurement
- Large built-in chargeable battery provides convenience for patients' moving.
- Playback and browse function for history waveform and monitor data record.
- Optional printing output function, alarm triggers printing.
- Auto double alarm with audible and visible signals.
- Anti-defibrillator, anti-interference from high frequency electric knife.
- Pace-maker detection.
- A full-synchronistic leads, multi-channel ECG display.
- Indication of incorrect manipulation and malfunction analysis.
- Unique accessory management cabinet.

# BT-PO8C

## HANDSET SPO2 & TEMP PULSE OXIMETER

Parameters:

Three Parameters: SPO2, TEMP, Pulse Rate.

Waveforms:

Waveform: SPO2 waveform-PLETH



### Features:

- Compact, small, light, easy for carrying and handling.
- LCD display of measurement and PLETH.
- Intelligent parameter monitoring interface.
- Audio and visual alarm.
- Storage and review of patient's trend data up to 36 hours which is never lost even when power's off.
- Common AA alkaline or rechargeable batteries to support 7 continuous working hours;
- Battery capacity indicator.
- Automatic power-off
- Patient's trend can be transmitted to a personal computer for display, saving and printing.
- Suitable for adult, pediatric, infant and neonate patients.

Specifications:	Temperature (TEMP)
<b>Patient Range</b> Adult, pediatric, infant, neonate patients Oxygen saturation (SpO2)	Channel: 1 Input: Body surface thermal-sensitive resistor temperature sensor Measurement range: 0°C ~ 50°C Accuracy: ±0.2°C Resolution: 0.1°C
<b>SpO2</b>	<b>Alarm</b>
Measurement range: 35%~100% Accuracy: ±2%(70%~100%), 0%~69% unspecified Resolution: 1%	Mode: Audio and visual alarm Setup: User-adjustable high and Low limits Storage and Review 36 hours SpO2 IPR TEMP trend data with corresponding date and time
<b>Pulse Rate</b>	
Measurement range: 30 bpm -250 bpm Accuracy: ±2bpm Resolution: 1bpm	

# BT-PO810

## TABLE-TOP OXIMETER SERIES

can continually measure SpO2, PR at a real time. It is with compact appearance, comprehensive functions, simple and convenient operation, and widely used in hospitals, community medical treatment and family.



### Features:

- High resolution 4.3" color LCD screen
- Compact and portable, allowing for uninterrupted monitoring
- AC power supply, with built-in lithium battery
- Adjustable audible and visual alarms
- Storage and review of patient's trend data up to 36 hours
- Applicable to adult, pediatric and neonatal patient
- Convenient and quick in inquiring measurement data
- USB data upload
- Optional: printing

### Performance:

#### SpO2 monitoring

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

#### SpO2 Measuring

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

#### Pulse Rate Measuring

Range: 30bpm~250bpm (Resolution: 1bpm)  
 Accuracy: ±2bpm or ±2%, whichever is greater.  
 Measurement Performance in Weak Filling Condition: SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%, SpO2 error is ±4%; the Pulse rate error is ±2bpm or ±2%, whichever is greater. Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.

SPO2
SPO2 + NIBP
SPO2 + ETCO2
SPO2 + NIBP + ETCO2

# BT-808A

## FINGERTIP PULSE OXIMETER



Parameters:

Two parameters: SPO2, Pulse Rate.

Waveforms:

SpO2 Waveform

### Features:

- COLOR OLED display, four direction adjustable
- SpO2 and pulse monitoring, and Waveform display
- Low-power consumption, continuously work for 50 hours
- Small in size, light in weight, and convenient to carry
- Low voltage alarm display, Auto power-off
- Runs on standard AAA batteries

### Detailed descriptions of product functions:

#### SPO2

Measurement range: 70%-99%

Accuracy:  $\pm 2\%$  on the stage of 70%-99%, unspecified (<70%) for SPO2

Resolution:  $\pm 1\%$

Low perfusion: <0.4%

#### PR

Measurement: range:30BPM-240BPM

Accuracy:  $\pm 1\text{BPM}$  or  $\pm 1\%$ (the larger one)

Power: two AAA 1.5V alkaline batteries

Power consumption: below 30mA

Automatic power-off: the product shuts down automatically after no signal for 8 seconds

Dimension: 62mm\*32mm\*33mm

Operation environment:

Operation temperature: 5°C-40°C

storage temperature: -10°C-40°C

Ambient humidity: 15%-80% on operation 10%-80% in storage

Air pressure: 70kPa-106kPa

Declaration: EMC of this product comply with IEC60601-1-2 standard

# BT-90

## UV RADIATION TREATMENT SYSTEM



Treated by ultraviolet radiation from 20s of 21 century. With development of science & technology, the technology of artificial light house has been developed swift. And UVA, UVB methods are the most effective way in treating many kinds of dermatosis.

In recent years, dermatosis patients become more and more, but traditional medication is not accepted by patients because it has much shortcoming such as long treatment period, great side effective, easy relapse and so on. To reduce patient pain, we researched and developed YK-6000 series UV radiation treatment system which is very effective for leukoderma, psoriasis, pityriasis rose and so on. according to clinic.

### Specification:

- Use Philips special UV lamp as light source, with best stability and long life;
- Small bulk, lightweight, operation simply, patients can take with themselves;
- High radiation intensity, with better curative effect;
- There is glisten board inner radiation unit, can raise radiant efficiency;
- Reasonable price, use simply, patients can bring and cure at home.

# BT-70A BT-70B

## DIGITAL IMAGING COLPOSCOPE SYSTEM

YK-7000A/B Digital Video Colposcope is applicable to detect pathological change in Vulva, vagina and the cervix, filtering cervix cancer by fluorescence indirectly, and images management. For clinical detection of pathological changes in vulva, vagina and cervix, filtering cervix cancer by fluorescence indirectly and images management.

### Application:

Vaginitis, cervical ectropio, cervicitis, especially examining in the early diagnosis of cancer



### Specifications:

**Video matrix:** SONY 800,000 pixels, import high-definition digital color camera 1/4 inch color digital CCD

**Minimum illumination:** 0.02Lux

**Lens SNR 50DB:** Lens Focus distance 150-350mm, amplify or narrow in the real time DSP dynamic and automatic focus system, cooperating with the manual focus adjustment

**adjustment:** Magnification 1-126, image freeze, filter technique

**Line-of-site:** 2.5mm-20mm-320mm

**Camera resolution:** ≥480TVL (600TVL)

**Handle:** Automatic adjustment

**Image Card:** Video capture card

**Software system:** WINDOWS XP operating system, static, dynamic image continual capturing and replaying, many images in one screen; easy for measuring, calculating, copying, editing freely, printing multi-format report, including the diagnosis database, offering the case analysis of reference

### Specification:

CCD	1/4 Super HAD CCD
Pixels	≥830,000 pixel
Illumination (min):	≤0.01Lux
Lens:	Sony 18 times focus
Resolution	≥480+ lines
Light source	30-point ringed LED, white, super bright, cool, parallel, shadowless, 100, 000 hours longevity
Focus	10mm ~400mm
Zoom magnification	Optical ≥22X, Electronically ≥10X
Collection model	Electronic collection
Depth of field	5-200mm
Focalizing	Auto/Manual, quick
Signal-to-Noise	≥52 db
Color filter	Green
Image collection	Y
Cine-loop	Y
Output port of the image	-Video/PAL/NTSC
Green Filter	Digital filter based on CCD imaging
Eliminate polarization	Y
Field of vision	Φ=2.5-320mm
Software package	Y
Operating system	Windows 2000, XP, VISTA

