

BERRY®

PRODUCT CATALOGUE

Love life Always



BERRY®

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Berry Electronic Technology Co., Ltd.

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Our Philosophy

By adhering to the values of "consistently care for life", we are pursuing higher quality products and Constant innovation.

About Berry

Shanghai Berry Electronic Technology Co., Ltd is located in the beautiful, low carbon and environmental protection city Shanghai Caohejing Hi-Tech Park.

We are devoted to researching and developing, manufacturing and sales of medical electronic instrument in the monitor field. Our technology has reached the advanced level in domestic. And we have got important breakthrough on the non-invasive blood pressure calculation method, oxygen saturation detection, and multi parameter monitoring system, etc. After years of development, we have got good relationship with many customers. And the annual sales value reaches to tens of millions.

The Berry product is in the leading level in this industry. In 2009, we have obtained the production license and product registration certificate that issued by Shanghai FDA. And in 2014, Berry passed the EN ISO 13485 quality system certification and CE certification by TÜV SÜD. And we got the FDA 510K in 2015. ANVISA, INMETRO Approved in 2016, FDA for fingertip pulse oximeter approved in 2017



Our Advantage

We have an extremely professional technical team. And the person who has bachelor degree accounts for more than 40% of the company's population.





Berry pays attention to product quality and has strict standard on R&D, production and quality control. We have many global advanced testing instruments like multi parameter test instrument, noninvasive blood pressure simulator, oxygen saturation simulator and other testing equipment. And we do testing strictly according the standard.



Fingertip Pulse Oximeter

BM1000B/BM1000C
BM1000D/BM1000E



- 
Pulse Rate
- 
SpO2
- 
Bluetooth
- 
Record



Fingertip pulse oximeter integrates the SpO2 probe, data processing and display module. It's a convenient device for monitoring SpO2, pulse rate, pulse intensity and plethysmogram.

Operation system	IOS; Android
SpO2	Detection scope: 35%-100% Accuracy: ±2% 80%-100% ±3% 70%-79%
Pulse Rate	Rage : 25-250BPM Accuracy : ±2bpm Resolution:1bpm
Bluetooth	Bluetooth BLE
Battery Type	Two 1.5V AAA alkaline batteries
Service life	3 Years
Display	OLED/LCD
Working voltage	D.C.2.2 V~D.C.3.4V
Operation environment	Temperature: 5°C - 40°C Relative humidity: 15% - 80% Air pressure: 860hPa - 1060hPa
Size	58 (H) × 34 (W) × 30(D)mm
Weight	50g (include 2AAA alkaline batteries)
APP	IOS : Search "Oxycare" or "SpO2" Android : Search "SpO2 2.0" or "Oxycare"
Delivery time	Samples: about 2 days Mass production: about 15 days (2000pieces) OEM: about 25 days



BM1000B/D

- Bluetooth OLED Fingertip Pulse Oximeter
- Large color OLED display of SpO2,Pulse Rate,Pulse intensity bargraph.
 - Bluetooth technology for data transmission from oximeter to PC or phone.
 - Free data management software available.
 - Data being stored forms a broken line graph, which makes it convenient to analyze and review all the data.
 - Data record also can be exported in the form of excel for a furhter comparison.



BM1000C

- Bluetooth LCD Fingertip Pulse Oximeter
- Simple and convenient, get all functions with one key operation.
 - Original two AAA batteries can continuously work for 15 hours.
 - Bluetooth technology for data transmission form oximeter to PC or phone.
 - Free data management software available.
 - Real-time store. Up to 12 hours of data storage time in total. (Record data once every 10 seconds).



BM 1000

- Bluetooth LCD Fingertip Pulse Oximeter
- Small size and light weight, get all functions with one key operation.
 - Innovative 2 direction display.
 - Communication can be realized between the product and mobile phone with its wireless Bluetooth.
 - The external light interference and low perfusion resistance.
 - Automatically power down when no use for about 8 seconds.



Palm Pulse Oximeter

BM1000A



BM1000A Palm Pulse Oximeter is an important and common device to check oxygen saturation (SpO2) and pulse rate.

It's a small, compact, simple, reliable and durable physiological monitoring device. Include the mainboard, Spo2 sensor, LCD display and dry batteries. It is suitable for monitoring adults and children.

It can be used in the hospital's operation room, ICU, clinic section office, out-patient department, sickroom and emergency treatment. It can also be used in the recovery and health care organizations, the community medical treatments, the oxygen bars, the family nursing.

Product Feature

- Simple and convenient usage of product.
- Small volume, light weight, convenient to carry.
- Lower consumption, original two AA batteries can continuously work for 14 hours at least.
- Low voltage reminder shows in screen when there's no signal generated.
- Daily maintenance and calibration is unnecessary, except changing the batteries.
- Intelligent reminder function: buzzer automatically reminder when the value exceeds the normal range. Numerical value flickers.

Operation system	IOS; Android
SpO2	Detection scope: 35%-100% Accuracy: ±2% 80%-100% ±3% 70%-79%
Pulse Rate	Rage : 25-250BPM Accuracy : ±2bpm Resolution:1bpm
Bluetooth	Bluetooth BLE
Battery Type	2 AA alkaline batteries
Service life	3 Years
Display	LCD
Working voltage	D.C.2.32-D.C.3.4V
Operation environment	Temperature: 5°C - 40°C Relative humidity: 15% - 80% Air pressure: 860hPa - 1060hPa
Size	150(H) × 90 (W) × 26(D)mm
Weight	116g ±1g (exclusive battery and SpO2 sensor)
APP	IOS : Search "Oxycare" or "SpO2" Android : Search "SpO2 2.0" or "Oxycare"
Delivery time	Samples: about 2 days Mass production: about 15 days (2000pieces) OEM: about 25 days



Watch Sleep Apnea Diagnosis

BM2000A



BM2000A is used to gather the data of SpO2 and Pulse Rate while people are sleeping. The watch can store the data by itself over 20 hours; and the data is transmitted to the software APP via Bluetooth, then the APP is going to do the sleep quality analysis according to the data of SpO2 and Pulse Rate, and give a monitoring report regarding OSAHS, AHI etc...

The analysis report can be exported via email, facebook, twitter, etc.. The comprehensive and reliable diagnosis report will instruct the further therapy. It is applicable to overnight monitoring with sleep and respiration monitoring device, especially for obstructive sleep apnea-hypopnea syndrome.

Product Feature

- Watch type, light weight.
- Simple and convenient, get all function with one touch button.
- Color OLED display of SpO2, Pulse Rate, Pulse intensity bargraph, and Plethysmogram, indication of battery, Bluetooth.
- Low power consumption, built-in 3.7v rechargeable lithium battery lasting 24 hours.
- Automatically screen off after 30s; automatic shutdown after 10minutes when probe fall off.
- High accuracy under the condition of low perfusion.
- Date can be transmitted from device to smart phone via Bluetooth.
- Data record can be exported from Data Manager software for permanent storage, validated report provides you comprehensive information about your sleep index. Complete analysis results assist doctors to make further treatment plan for you.

Operation system	Android
SpO2	Detection scope: 35%-100% Accuracy: ±2% 80%-100% ±3% 70%-79%
Pulse Rate	Rage : 25-250BPM Accuracy : ±2bpm Resolution:1bpm
Bluetooth	Bluetooth BLE
Battery Type	one 3.7V lithium-ION battery
Service life	3 Years
Display	OLED
Working voltage	D.C. 3.4V~D.C.4.3V
Operation environment	Temperature: 5°C - 40°C Relative humidity: 15% - 80% Air pressure: 860hPa - 1060hPa
Size	68(H) × 58 (W) × 20(D)mm
Weight	50g (exclusive SpO2 sensor)
APP	Android : Search "SleepCare Plus"
Delivery time	Samples: about 2 days Mass production: about 15 days (2000pieces) OEM: about 25 days



Watch Sleep Apnea Diagnosis

BM 2000



Pulse Rate



SpO2



Bluetooth



Report



Sleeping Monitor



Bm2000 is used to gather the data of SpO2 and Pulse Rate while people are sleeping. The data is stored on software APP, timely transmitted. Then the APP is going to do the sleep quality analysis based on the data of SpO2 and Pulse Rate, and give a monitoring report regarding OSAHS, AHI etc..



The analysis report can be exported via email, facebook, twitter, etc.. The comprehensive and reliable diagnosis report will instruct the further therapy. It is applicable to overnight monitoring with sleep and respiration monitoring device, especially for obstructive sleep apnea-hypopnea syndrome.

Product Feature

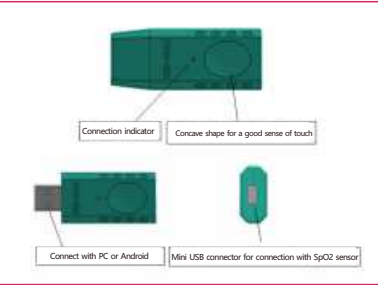
- Watch type, light weight.
- Simple and convenient, get all function with one touch button.
- Color OLED display of SpO2, Pulse Rate, Pulse intensity bargraph, and Plethysmogram, indication of battery, Bluetooth.
- Low power consumption, built-in 3.7v rechargeable lithium battery lasting 20 hours.
- Automatically screen off after 30s; automatic shutdown after 10minutes when probe fall off.
- High accuracy under the condition of low perfusion.
- Date can be transmitted from device to smart phone via Bluetooth.
- Data record can be exported from Data Manager software for permanent storage, validated report provides you comprehensive information about your sleep index. Complete analysis results assist doctors to make further treatment plan for you.

Operation system	Android & IOS
SpO2	Detection scope: 35%-100% Accuracy: $\pm 2\%$ 80%-100% $\pm 3\%$ 70%-79%
Pulse Rate	Rage : 25-250BPM Accuracy : ± 2 bpm Resolution:1bpm
Bluetooth	Bluetooth BLE
Battery Type	one 3.7V lithium-ION battery
Service life	3 Years
Display	OLED
Working voltage	D.C. 3.4V~D.C.4.3V
Operation environment	Temperature: 5°C - 40°C Relative humidity: 15% - 80% Air pressure: 860hPa - 1060hPa
Size	55(H) \times 37 (W) \times 18(D)mm
Weight	50g (exclusive SpO2 sensor)
APP	Search "Taiir SleepCare"
Delivery time	Samples: about 2 days Mass production: about 15 days (2000pieces) OEM: about 25 days



USB-SpO2 PULSE

BM 3000B



BM3000B USB-SpO2 is the newest pulse oximeter to measure oxygen saturation(SpO2) and pulse rate. This latest product looks just like a U-disk,without screen, no need battery and no any button. It has two connectors, one for the connection with SpO2 probe, one for the connection with PC or Android phone.

Power needed was supplied by PC or mobile phone which was connected with the product. It is applicable to neonate/infant/pediatric/adult.And it is suitable for health care community, oxygen bars, and family use, also for the physical care in sports or activities under an extreme environment.(you can use it before or after the sport, but it is not recommended to use it during the sport).

Product Feature

- Use with PC and Android Phone supporting USB OTG function, data displayed on the large and color screen of PC or smart phone makes it comfortable to read.
- External neonate/infant/pediatric/adult SpO2 probe changeable and optional.
- Connection indicator are available. When the device are connected to PC or phone, there will be a light spot on the surface of device.
- Smaller ,lighter and cheaper, for the device not having power supply unit and screen.
- Data record forms a broken line graph, which makes it convenient to analyze and review all the data. Data also can be exported in the form of excel for a further comparison.
- Not having any button provides a more easy operation.
- Environmental friendly for no use of battery in this device.

Operation system	Android
SpO2	Detection scope: 35%-100% Accuracy: ±2% 80%-100% ±3% 70%-79%
Pulse Rate	Rage : 25-250BPM Accuracy : ±2bpm Resolution:1bpm
Electrical specif ications	Power is supplied by PC or mobile phone which is connected with the product.
Temperature	Operation: +5-40℃ Transportation and storage:-10-50℃
Humidity	Operation:15%-80%(noncondensing) Transportation and storage:-10%-90%(noncondensing)
Atmospheric pressure	Operation:860hPa-1060hPa Transportation and storage:700hPa-1060hPa
Size	11(H) × 24 (W) × 60(D)mm
Weight	11g
APP	Android : Search "SpO2 2.0" or "Oxycare"
Delivery time	Samples: about 2 days Mass production: about 15 days (2000pieces) OEM: about 25 days



Ring Pulse Meter

BM 2000G



Pulse Rate



SpO2



BM2000G Ring Pulse Oximeter is an important and common device to check oxygen saturation (SpO2) and pulse rate. It's a small, compact, simple, reliable and durable physiological monitoring device. Include the mainboard, LCD display and lithium battey.

It is suitable for monitoring adults and children. It can be used in the hospital's operation room, ICU, clinic section off ice, out-patient department, sickroom, emergency treatment and in the process of transporting patients.

It can also be used in the recovery and health care organizations, the community medical treatments, the oxygen bars, the family nursing, the physical care in sports(you can use it before or after the sport, but it is not recommended to use it duting the sport).

Product Feature

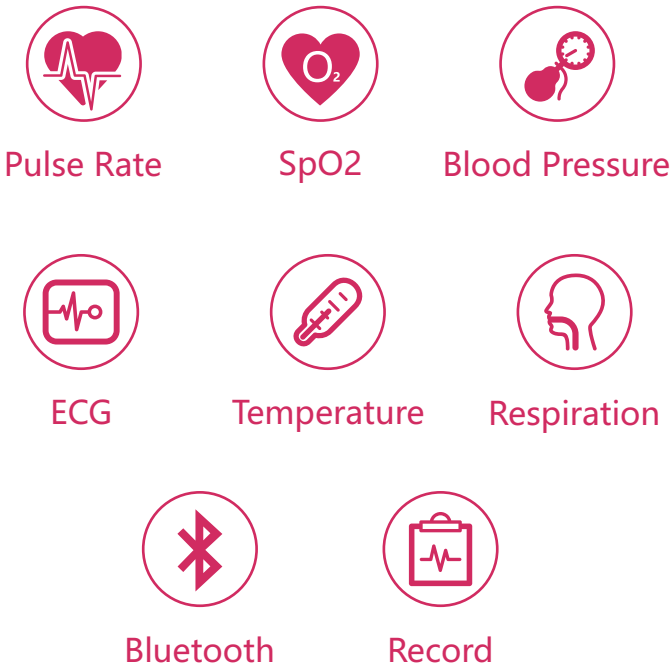
- Simple and convenient usage of product, simple one-touch operation.
- Small volume, light weight, convenient to carry.
- Lower consumption, original one 3.7V lithium battery can continuously work for 6 hours.
- Low voltage reminder shows in screen when there's low battery, may inßuence the normal working.
- The machine will automatically power off when there's no signal generated.
- Daily maintenance and calibration is unnecessary.
- Charge is available.

Display mode	LCD
SpO2	Detection scope: 35%-100% Accuracy: ±2% 80%-100% ±3% 70%-79%
Pulse Rate	Rage : 25-250BPM Accuracy : ±2bpm Resolution:1bpm
Working voltage	D.C.3.4V-D.C.4.3V
Battery Type	One 3.7V lithium battery
Temperature	Operation: +5-40℃ Transportation and storage:-10-50℃
Humidity	Operation:15%-80%(noncondensing) Transportation and storage:-10%-90%(noncondensing)
Atmospheric pressure	Operation:860hPa-1060hPa Transportation and storage:700hPa-1060hPa
Size	35(H) × 35 (W) × 20(D)mm
Weight	20g
Delivery time	Samples: about 2 days Mass production: about 15 days (2000pieces) OEM: about 25 days



6-Parameters Palm Patient Monitor

PM 6100



Product Feature

- 2.4 inch TFT LCD , display parameters and waveform.
- 1800mA lithium battery inside , 12 hours continuous work.
- Multi-parameter monitoring, including ECG, respiration, SpO2, blood pressure, pulse rate, temperature, etc.
- Only one button, easy to operate.
- Bluetooth inside, can be connected with other smart devices.

Operation system	Android
ECG	Waveform: Lead I Band width 0.05Hz-100Hz(3dB) diagnose mode
Resp	Chest impedance method Scope: 0 bpm to 100bpm
Temp	Type: Vascular/surface temperature Scope: 20°C-50°C
NIBP	Systolic blood pressure: 4kPa-34kPa(30-255mmHg) Diastolic pressure: 2kPa-29.3kPa(15-220mmHg) Mean pressure: 2.7kPa-31.3kPa (20-235mmHg)
SpO2	Detection scope: 35%-100% Accuracy: ±2% 80%-100%
Heart rate	Scope: 15bpm to 300bpm
AC adapter	Input:AC100-240v-200mA Output : DC 5V 1A
Bluetooth	Bluetooth BLE
Built-in-Battery	3.7V , 1800mAh lithium battery
Size	145mm x 85mm x 37mm
Weight	240g
Display	2.4 inch color TFT LCD
APP	Android : Search "Berry Monitor"
Delivery time	Samples: about 2 days Mass production: about 15 days (2000pieces) OEM: about 25 days



This monitor integrates the functions of parameter measurement, waveform monitoring ,etc. It's color TFT liquid crystal display is able to show patient parameters and waveform clearly. The monitor also features compact size, lightweight,easy-to-carry handle and built-in battery, which make it portable in clinic,ward,even at home.



This monitor is capable of monitoring parameters: ECG(Electrocardiograph), HR(heart rate), NIBP(noninvasive blood pressure), SpO2, PR(pulse rate), TEMP(body temperature).



The One-Button-Design make the monitor to be a easy-to-use system, so you can perform the operations conveniently. Besides, this monitor can be connected with the other smart terminals such as PC and Android phones.



6-Parameters Handheld Patient Monitor **PM 6750**



Pulse Rate

SpO2

Blood Pressure

ECG

Temperature

Co2

Respiration



This portable patient monitor is applicable for ICU, hospitals, healthcare community, home and outdoor use, continuously measuring the condition of users vital clinical parameters, including ECG, NIBP SpO2, RESP, TEMP, CO2 and PR.

And this patient monitor can transfer signals wirelessly by Bluetooth. Also data signals can be transferred to the PC through the serial port and USB communication for further analysis.

Product Feature

- Six parameter Bluetooth module is including SpO2, Pulse Rate, ECG, NIBP and Resp functions. It can be connected by serial RS232, Bluetooth and USB.
- Real-time patient data upload stable, good mobility, convenient and reliable. Continuous monitoring facilitates customer secondary development according to specific needs, the traditional guardianship upgraded to modern mobile monitoring products.
- Adequately utilize modern mobile communications (GPRS) and Internet transmission technology to transmit the data timely, on the basis of the traditional monitoring.
- Through COM, Bluetooth and USB to connect with computers and other devices to carry out data exchange and corresponding analysis.
- Convenient for UCC, hospitals, community medical centers, family wards etc to choose. It improves basic medical products' level and functions as well as builds up a platform for improvement of diagnosis and management level for low-level hospitals.



Operation system	Android
ECG	Full lead: I, II, III, aVL, aVR, aVF, and V1, V2, V3, V4, V5, V6 Gain: 2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV Scanning speed: 12.5mm/s, 25mm/s and 50mm/s Band width: 0.05Hz-100Hz (3dB) Diagnostic mode 1-40Hz Monitor mode 0.1-25Hz Operation mode
Resp	Chest impedance method or concentration of carbon dioxide at end of respiration Range: 0 time/minute - 100 times/minute
Temp	Type: Vascular/surface temperature Scope: 20°C-50°C
NIBP	Systolic blood pressure: 4kPa-34kPa (30-255mmHg) Diastolic pressure: 2kPa-29.3kPa (15-220mmHg) Mean pressure: 2.7kPa-31.3kPa (20-235mmHg)
SpO2	Detection scope: 35%-100% Accuracy: ±2% 80%-100%
Heart rate	Scope: 15bpm to 300bpm
AC adapter	Input: AC100-240V-200mA Output: DC 12V 2A
Bluetooth	Support both Bluetooth 3.0 and BLE 4.0
Size	240mm x 165mm x 50mm
Weight	620g
APP	Android: Search "Berry Monitor for Pad"
Delivery time	Samples: about 2 days Mass production: about 15 days (2000 pieces) OEM: about 25 days

Spo2 sensor

Finger clip Reusable Spo2 sensor



Neonate&Adult Sponge Disposable SpO2 sensor



Medical monitoring consumables has become one of the essential instruments in hospitals, the Spo2 sensors caring patients in surgical operation, avoiding hypoxia, timely tracking the blood oxygen.

Berry Spo2 sensor offers the good performance after researching with feedback for several years, is designed to improve the patient safety and comfort with enviornmental protection. Have wide choice of Spo2 technologies for different kinds of people and clinical requirements, covers majority ranges of hospital.

- Reduce the cross contamination for reusable.
- A broader SpO2 measurement range.
- More high-precision measurement standards.
- More comprehensive brand compatibility.
- Suitable for different clinical needs.
- Safe and comforable experience.



Product Feature

- Optimized technology to dispose of sticking surface, so that the skin is almostnotfeel any stimulation or pressure
- Sitcking surface optimization causes no stimulation or pressure to the skin.
- According to the test, our sensors can be compatible with most of the patient monitors.
- Designed based on the principle of human engineering, the sensor is light and βexible, can makes patients adjust the position easily as they need.
- High quality pre adjustable LED sensor provides data quickly and accurately.
- Berry also chooses different types to ensure the long time use for single patient.
- Berry products are of high quality and durable characteristics, combined with the newest advanced design concepts to ensure that the data provide stability and reliability.



Adult Finger Reusable Spo2 sensor



Adult Soft tip Reusable Spo2 sensor



Adult Ear Clip Reusable Spo2 sensor



Neonate Wrap Reusable Spo2 sensor



Pediatric Soft tip Reusable Spo2 sensor



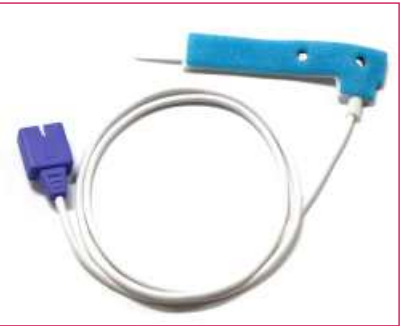
Pediatric Finger Reusable Spo2 sensor



Neonate&Adult Adhesive Textile Disposable SpO2 Sensor



Neonate&Adult Elastic Textile Disposable SpO2 Sensor



Neonate&Adult Sponge Disposable SpO2 Sensor

Veterinary Monitor



Am6750 Handheld Veterinary Monitor





ECG



Pulse Rate



SpO2



Blood Pressure



Temperature



Respiration



Co2




Bluetooth





Secondary Development





Am6100 Palm Veterinary Monitor


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ECG
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Pulse Rate
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SpO2
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Blood Pressure
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Respiration
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Bluetooth
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Temperature
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Record




AM1000A Bluetooth Veterinary Pulse Oximeter

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Pulse Rate
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SpO2
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Bluetooth
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Warning

Veterinary Monitor Accessories



BCI Vet ear clip sensor



2.25k Animal body sensor



1-5# Animal Disposable NIBPP Cuff



Electrode holder for five lead beast



Universal Vet ECG adapter



ETCO2 Sensor