

Pulse Oximeter

Model: BM2000



I. Product Feature

1. Simple and convenient usage of product, one touch operation available.
2. Small volume, light weight, (weight is about 50g including batteries), convenient to carry.
3. Lower consumption, original two 3.7V lithium batteries can continuously work for 24 hours.
4. Low voltage alarm shows in screen when there's low battery, may influence the normal working.
5. The machine will automatically power off when there's no signal generated.
6. Widely used in clinical cure such as in physicians and surgical operation department, anesthesia department, pediatrics department,

emergency room and so on. Also is suitable in oxygen bar, community health care, family, sports & health care (machine must be used before or after the sport, not suggest to use when exercising) and outdoor activity.

7. Daily maintains and calibration is unnecessary.
8. Communication can realize between Bluetooth and upper computer.
9. Charge is available.

## II. Specification

1. Display mode: OLED Screen
2. Spo2 measure range: 35-100%  
Spo2 Resolution: 1%  
Spo2 Accuracy: in,  $\pm 2\%$  (80%-100%) ;  $\pm 3\%$  (70%-79%)
3. Pulse measure range: 25-250 BPM  
Pulse Rate Resolution: 1bpm  
Accuracy:  $\pm 2\text{bpm}$  or  $\pm 2\%$

### III. Working environment:

Working temperature: 5-40 degree

Storage temperature: -20-70 degree

Environment humidity:

Working: <80%

Storage: <93%

### IV. Using Berry BSA09001P will have better performance and more comfortable experience.

### V. Operating Instructions:

#### 1. Power on and power off

Power on: Press “POWER” button, machine starts up and enter main menu.

Power off: Press “POWER” button for 3 seconds, machine power off, or the sensor dropped for 10 seconds, the machine automatically power off.



## 2. Display:



When screen is on for 30 seconds, machine will automatically power off, when screen needs to be on, press “Power” button.

## 3. Communication:

- a. Open pc Bluetooth, search the device, the pulse oximeter's user name is BerryMed, pairing mode is 0000.
- b. Check the Bluetooth serial no. when connected, such as com13.
- c. Open pc software.
- d. Choose Bluetooth serial no.
- e. Click to open.
- f. Enter display interface.

**FCC Warning:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be located or operating in conjunction with any other antenna or transmitter.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.