

Perfusion index is an indication of the pulse strength at the

Installation.Setup.and Operation

Figure 3.1.1 Parts of front & back panel

3.1 Description of the Front Panel

contains).

sensor site

Section 3

(as figure 3.1.1)

. SpO2 measurements may be adversely affected in the presence of high ambient light. Shield the sensor area (with a surgical towel, or direct sunlight, for example) if necessary. . The following reason will cause interference to the testing accuracy of the Fingertip Pulse Oximeter. ■ High-frequency electrosurgical equipment. Placement of a sensor on an extremity with a blood pressure cuff arterial catheter, or intravascular line ■ The patient has hypotension severe vasoconstriction severe anemia or hypothermia. Table 3.1.1 Part Definition and Description Item Name Description 1 Power button Turn on the machine Display the SPO2/PR data 2 OLED Panel & Plethysmogram Battery changes in volume within an organ or whole body (usually Compartment resulting from fluctuations in the amount of blood or air it 3.2.Display PI (Perfusion Index) is the ratio of the pulsatile blood After switch on, the OLED display of the flow to the non-pulsatile static blood flow in a patient's Fingertip Pulse Oximeter is as follows: peripheral tissue, such as finger tip, toe, or ear lobe.

1.1 Instructions for the Safe Operation and

· Do not attempt to service the Fingertip Pulse

Oximeter. Only qualified service personnel

· Prolonged use or the patient's condition may

require changing the sensor site periodically.

Change sensor site and check skin integrity,

should attempt any needed internal servicing.

Use of the Fingertip Pulse Oximeter

Section 1

every 2 hours.

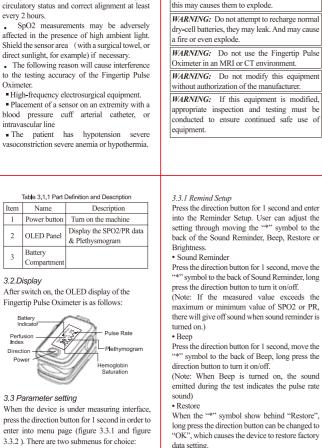
Indicato

3.3 Parameter setting

3.3.2). There are two submenus for choice:

Perfusion

Safety



■ The patient is in cardiac arrest or is in shock.

Fingernail polish or false fingernails may

WARNING: EXPLOSION HAZARD — Do

not use the Fingertip Pulse Oximeter in a

flammable atmosphere where concentrations of

WARNING: Do not throw batteries in fire as

cause inaccurate SpO2 readings.

flammable anesthetics or other

1.2 Warnings

CAUTION: Do not operate the unit if it is damp or wet because of condensation or spills. Avoid using the equipment immediately after moving it from a cold environment to a warm, humid location. CAUTION: Never use sharp or pointed objects to operate the front-panel switches. CAUTION: The batteries must be taken out from the battery compartment if the device will not be used for a long time. CAUTION: The batteries must be taken out from the battery compartment if the device will not be used for a long time. CAUTION: The batteries must be proper disposed according to local regulation after their use. CAUTION: The device should keep away from the children, pets and pests to avoid swallowing. *Demo Press the direction button for 1 second, move the "*symbol to the back of Demo, long press the direction button to turn it on/off. *Brightness When the "*" symbol show on "Brightness", long press the direction button to the Reminder Limit setup menu (figure 3.3.2). User can press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "" to "-" or "-". When "+" shows on the right side, press the		
using the equipment immediately after moving it from a cold environment to a warm, humid location. CAUTION: Never use sharp or pointed objects to operate the front-panel switches. CAUTION: The batteries must be taken out from the battery compartment if the device will not be used for a long time. CAUTION: The device shall only be used if the battery cover is closed. CAUTION: The device shall only be used if the battery cover is closed. CAUTION: The batteries must be proper disposed according to local regulation after their use. CAUTION: The device should keep away from the children, pets and pests to avoid swallowing. *Demo Press the direction button for 1 second, move the "*" symbol to the back of Demo, long press the direction button to turn it on/off. *Brightness When the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-" When "+" shows on the right side, press the	or wet because of co	operate the unit if it is damp
from a cold environment to a warm, humid location. CAUTION: Never use sharp or pointed objects to operate the front-panel switches. CAUTION: The batteries must be taken out from the battery compartment if the device will not be used for a long time. CAUTION: The device shall only be used if the battery cover is closed. CAUTION: The device shall only be used if the battery cover is closed. CAUTION: The batteries must be proper disposed according to local regulation after their use. CAUTION: The device should keep away from the children, pets and pests to avoid swallowing. *Demo Press the direction button for 1 second, move the "*" symbol to the back of Demo, long press the direction button to turn it on/off. Brightness When the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button for 1 second to change the "+" to "-" or change the "+" to "-" or change the "-" to "-" When "+" shows on the right side, press the		
Caction.		
CAUTION: Never use sharp or pointed objects to operate the front-panel switches. CAUTION: The batteries must be taken out from the battery compartment if the device will not be used for a long time. CAUTION: The device shall only be used if the battery cover is closed. CAUTION: The batteries must be proper disposed according to local regulation after their use. CAUTION: The batteries must be proper disposed according to local regulation after their use. CAUTION: The device should keep away from the children, pets and pests to avoid swallowing. *Demo Press the direction button for 1 second, move the "**" symbol to the back of Demo, long press the direction button to turn it on/off. *Brightness When the "**" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter the time of the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-". When "+" shows on the right side, press the		nment to a warm, humid
to operate the front-panel switches. CAUTION: The batteries must be taken out from the battery compartment if the device will not be used for a long time. CAUTION: The device shall only be used if the battery cover is closed. CAUTION: The batteries must be proper disposed according to local regulation after their use. CAUTION: The batteries must be proper disposed according to local regulation after their use. CAUTION: The device should keep away from the children, pets and pests to avoid swallowing. • Demo Press the direction button for 1 second, move the "**" symbol to the back of Demo, long press the direction button to turn it on/off. • Brightness When the "**" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-". When "+" shows on the right side, press the	location.	
CAUTION: The batteries must be taken out from the battery compartment if the device will not be used for a long time. CAUTION: The device shall only be used if the battery cover is closed. CAUTION: The batteries must be proper disposed according to local regulation after their use. CAUTION: The batteries must be proper disposed according to local regulation after their use. CAUTION: The device should keep away from the children, pets and pests to avoid swallowing. Demo Press the direction button for 1 second, move the "*" symbol to the back of Demo, long press the direction button to turn it on/off. Brightness When the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-". When "+" shows on the right side, press the		
from the battery compartment if the device will not be used for a long time. **CAUTION:** The device shall only be used if the battery cover is closed. **CAUTION:** The batteries must be proper disposed according to local regulation after their use. **CAUTION:** The batteries must be proper disposed according to local regulation after their use. **CAUTION:** The device should keep away from the children, pets and pests to avoid swallowing. **Demo **Press the direction button for 1 second, move the "**" symbol to the back of Demo, long press the direction button to turn it on/off. **Brightness** When the "**" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. **3.2.1.imit Value Setting** When the ** symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button for 1 second to change the data you need. **On the Reminder Limit setup menu page (figure 3.3.2), when the ** symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-"." to "-". When "+" shows on the right side, press the	to operate the front-p	anel switches.
*Demo *Demo Press the direction button for 1 second, move the "*" symbol show on "Brightness" When the "*" symbol show on the Reminder Setup, long press the direction button to change the Brightness when the results of the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to the Reminder Setup, long press the direction button to the Brightness when the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.2.Limit Value Setting When the "*" symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button to for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-" or change the "-" to "-" to "-" When "+" shows on the right side, press the	CAUTION: The b	atteries must be taken out
*Demo *Demo Press the direction button for 1 second, move the "#" symbol show on "Brightness", long press the direction button to change the symbol show on the Reminder Setup, long press the direction button to the manual terms with the symbol show on the Reminder Setup, long press the direction button to the spirithness when the symbol show on "Brightness", long press the direction button to change the Brightness aular from 1 to 5. 3.3.2.Limit Value Setting When the *symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to the set of the set of the symbol show on the Reminder Limit setup menu page (figure 3.3.2), when the *symbol show behind the "+/-". Press direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the *symbol show behind the "+/-". Press direction button for 1 second to change the "-" to "-" or change the "-" to "-". When "+" shows on the right side, press the		
*Demo Press the direction button for 1 second, move the "*s" symbol show on "Brightness When the "symbol show on the Reminder Limit Setup. long press the direction button to the near the symbol show on "Brightness", long press the direction button to the Brightness when the "*s" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the *symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button to select the items. And press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "" to "-" or change the "-" to "-"." to ""." When "+" shows on the right side, press the	not be used for a long	g time.
*Demo Press the direction button for 1 second, move the "*s" symbol show on "Brightness When the "symbol show on the Reminder Limit Setup. long press the direction button to the near the symbol show on "Brightness", long press the direction button to the Brightness when the "*s" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the *symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button to select the items. And press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "" to "-" or change the "-" to "-"." to ""." When "+" shows on the right side, press the	CAUTION: The dev	vice shall only be used if the
*Demo Demo Demo Demo Demo Press the direction button for 1 second, move the "symbol show on "Brightness" When the *symbol show on the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to transite for the time time the time time time time time time time tim		ed.
Demo Demo Press the direction button for 1 second, move the symbol to the back of Demo, long press the direction button to change the Brightness When the *symbol show on "Brightness", long press the direction button to turn it on/off. Brightness When the "*symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the *symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the *symbol show behind the *+/-". Press direction button for 1 second to change the "" to "" or change the "" to ""." or the "" to ""." to ""." When "+" shows on the right side, press the		
Demo Press the direction button for 1 second, move the "*" ymbol to the back of Demo, long press the direction button to turn it on/off. Brightness When the "*" symbol show on "Brightness", long press the direction button to turn it on/off. Brightness When the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-". When "+" shows on the right side, press the		
*Demo Press the direction button for 1 second, move the "symbol to the back of Demo, long press the direction button for foliation of the direction button to turn it on/off. Brightness When the "symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the *symbol show on the Reminder Setup, long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the *symbol show on the Reminder Setup, long press the direction button to the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to to the Reminder Limit setup menu page (figure 3.3.2), when the *symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-" When "+" shows on the right side, press the		o rocar regulation and tileli
*Demo Press the direction button for 1 second, move the ************************************		rice should keen away from
Demo Press the direction button for 1 second, move the "*" symbol to the back of Demo, long press the direction button to turn it on/off. Brightness When the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-"." to "+". When "+" shows on the right side, press the		
Press the direction button for 1 second, move the "*" symbol to the back of Demo, long press the direction button to turn it on/off. Brightness When the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter nto the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button for 1 second to change the data you need. Duthe Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "+". When "+" shows on the right side, press the		
Press the direction button for 1 second, move the "*" symbol to the back of Demo, long press the direction button to turn it on/off. * Brightness When the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-". When "+" shows on the right side, press the		
Press the direction button for 1 second, move the "*" symbol to the back of Demo, long press the direction button to turn it on/off. • Brightness When the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/-". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-". When "+" shows on the right side, press the		
Press the direction button for 1 second, move the "*" symbol to the back of Demo, long press the direction button to turn it on/off. • Brightness When the "*" symbol show on "Brightness", long press the direction button to change the Brightness value from 1 to 5. 3.3.2.Limit Value Setting When the * symbol show on the Reminder Setup, long press the direction button until enter into the Reminder Limit setup menu (figure 3.3.2). User can press the direction button to select the items. And press the direction button for 1 second to change the data you need. On the Reminder Limit setup menu page (figure 3.3.2), when the * symbol show behind the "+/". Press direction button for 1 second to change the "+" to "-" or change the "-" to "-" When "+" shows on the right side, press the		
direction button for 1 second, move the "*" after the Spo2 Hi or PR Hi setting, can increase the		6 1 1 4

CAUTION: Keep the operating environment

free of dust, vibrations, corrosive, or flammable

materials, and extremes of temperature and

separate collection facilities for recovery and recycling (3) Follow instruction for use Anti-dust& Anti-water class The information you should know to Warning protect patients and medical staff from possible injury The information you should know to Caution protect the equipment from possible The important information you should know direction button for 1 second, move the "*" after the Spo2 Lo or PR Lo value setting, can reduce the value to a lower value (untill it reaches to the lowest). Remind Setup Sound Reminder Beep Limit Setup Brightness Fxit Exit Figure 3.3.2 Figure 3.3.1 Note: 1.. The sound reminder have 1 second delay after the incorrect result being detected. 2. The customer can preset the limit value to the 98 or 99 to check whether it is normal for sound reminder setting. 3.4 Operation 3.4.1 Install battery Installing two AAA batteries into battery cassette in correct polarities and cover it.

1.3 Definitions and Symbols

↑ Type BF Equipment

Serial NO*

Date of manufacture*

Information of manufacture,

including name and address

this product, it must be sent to

When the end-user wishes to discard

Temperature limitation

Batch code*

Description

Symbol

SN

measurement accuracy of low perfusion*. The Oximeter can be used to measure human Hemoglobin Saturation and heart rate through finger. The product is suitable for family, hospital (including clinical use in internist/surgery. Anesthesia, pediatrics, intensive care and etc.) Oxygen Bar, social medical organizations, physical care in sports and etc. WARNING: Do not attempt to recharge normal alkaline batteries, they may leak and may cause a fire or even explode. Fingertip Pulse Oximeter on. directions with six different display modes after pressing the direction button. It is shown as below:



* Batch code. Date of manufacturer and Serial

No are printed on the label on the battery cover.

This chapter provides a general description of

The Fingertip Pulse Oximeter, based on all

digital technology, is intended for noninvasive

spot-check measurement of functional oxygen

saturation of arterial hemoglobin (SpO2).

Advanced DSP algorithm* can minimize the

influence of motion artifact and improve

the Fingertip Pulse Oximeter including:

· Brief device description

2.2 Brief Device Description

Product features

Section 2

Introduction

2.1 General

Type 2 Type 1 %SpO₂ (III PR bpm %SpO₂ CIII PR bpm 98 PI% 75 **98**^{PI%} 75 Type 3 Type 4 %SpO₂ ເ□ PR bpm wda xa © ₹Ods% 198 75 PI% 5.5 194 86 Type 5 Type 6 %75 75.5 5.5 . ₹**ω** ξ 5.5 St **6** S Oυ. 1. when battery power is at lowest level, the battery capacity indicates symbol of "a"in OLED, remind users of replacement of battery. 2. The plethymogram can been regarded as correct if the wave is fluctuated regularly.

2.3 Product Features

spot-checks.

symptoms.

. Lightweight for carrying and Easy-To-Use.

. Manually adjust the direction of interface .

Color OLED display, simultaneous display

algorithm can improve measurement accuracy.

· Visual & Sound reminder function. Real-time

. Standard two AAA 1.5V Alkaline Battery

support more than 20 hours continuous work.

CAUTION: The device can not be used to

measure the child below 3 years as the test result

CAUTION: The fingertip pulse oximeter is

intended only as an adjunct in patient

assessment. It must be used in conjunction with

other methods of assessing clinical signs and

for testing value and plethysmogram*.

under the condition of low perfusion.)

· Low Battery voltage indicator.

· Automatically switch off.

is not guarantee to accurate.

Low Perfusion: 0.2%, (Advanced DSP

measured over the SpO2 range of 70 -100%. Accuracy data is calculated using the root-mean-square(Arms value) for all subjects. Only about two-thirds of FINGERTIP PULSE OXIMETER EOUIPMENT measurements can be expected to fall within ±Arms of the value measured by a CO-Oximeter. rate Accuracy. The measured pulse rate is compared to the preset pulse rate value in simulator. Accuracy data is calculated using the root-mean-square (Arms value) for all subjects. Section 4 Cleaning and Disinfection 4.1 Cleaning Switch off the power and take out the batteries before cleaning, Keep the exterior surface of the device clean and free of dust and dirt. Cleaning exterior surface (OLED display screen included) of the unit with a dry and soft cloth. Use 75% density of medical alcohol to clean the surface and use dry fabric with little alcohol to avoid alcohol permeates into the device. 4.2 Disinfection Disinfecting the machine after using by the patient if multiple patient use the machine in the hospital. Use 75% density of medical alcohol to clean the example, acetone.

Oximeter monitor or sensor. Clinical testing is used to establish the SpO2 accuracy. The measured arterial hemoglobin saturation value (SpO2) of the sensor is compared to arterial hemoglobin oxygen(SaO2) value, determined from blood samples with a laboratory CO-oximeter. The accuracy of the sensors in comparison to the CO-oximeter samples Pulse simulator shall be used to assess Pulse

CAUTION: A function tester cannot be used to

assess the accuracy of a Fingertip Pulse

wool or metal polish.

device into any liquids.

CAUTION: Never use an abrasive such as steel

CAUTION: Do not allow any liquid into the product, and do not immerse any parts of the

surface that contacting with the patient. CAUTION: Don't use strong solvent. For

CAUTION: Avoid pouring liquids on the device while cleaning. CAUTION: Don't remain any cleaning solution on the surface of the device. Section 5 Troubleshooting and Maintenance 5.1 Maintenance • Replace the batteries timely when battery indication is low. Clean surface of the Pulse Oximeter before it is used in diagnosis for patients. • Remove the batteries inside the battery cassette if the Oximeter will not be operated for a long time. • It is better to preserve the product in a place where ambient temperature is -25-55 C and humidity is 15%-80%. • Regular inspection to make sure that no obvious damage existed to affect the safety and performance of device. • No flammable substance, overtop or lower temperature and humidity existed in operation conditions.	Table 5.2.1 troubleshooting Troblems Possible Reason Resolutions Oxyhemo- globin or lear trate to low to be measured. Please go to a hospital fly or existing in the product, shown normally 1. Finger is not plugged to low to be measured. Please go to a hospital fly or exact diagnosis that or low to be measured. Please go to a hospital moly for exact diagnosis that or low to be measured. Please go to a hospital moly for exact diagnosis that so the plugged deep enough the strate is shown unstably Oxyhemo- globin or plugged deep enough the strate is shown in movement status Oxyhemo- globin or heart rate is sl. Patient's SPO2&PR abnormal and cause sound reminder The sometime strate is specification of the specific in the specific product is shown in the strate of the specific product is shown in the specific product is shown in the specific product is shown in the specific product is specific product in the specific product is specific product in the specific product is substantial to the specific product is all provinced in the specific product is substantial to the specific product is subst	Section 6 Specification Fingertip Pulse Oximeter Specifications: Physical Characteristics Machine: Dimensions: 62 mm (L) x 34mm (W) x 31mm (D) Weight approx: 50g (including 2 x AAA battery) Classification: Anti-electric Shock Type: Internally powered equipment Anti-electric Shock Degree: Type BF equipment EMC: Type B Mode of operation: Continuous Operation Enclosure Degree of ingress protection: IP22 IP22 means shell of this product can withstand the water dropping to the surface when the shell deviate 15 degree from horizontal surface.	Power Internal 2xAAA 1.5v a	Pulse rate	Probe LED Specification Wave Length Radiant Power RED 660±2 nm 1.8 mW Infra RED 905±2 nm 2.0 mW	Emissions test Compliance RF emissions CISPR 11 RF emissions CISPR 11 Class B CISPR 11 Harmonic emissions IEC 61000-3-2 The Pulse: Therefore, cause any The Pulse: Therefore, cause any The Pulse: The pulse: The pulse: The pulse: The pulse: The pulse to the publication of the	comagnetic emission cutromagnetic environment specified below. should assure that it is used in such an environment. Electromagnetic environment- guidance oximeteruses RF energy only for its internal function. Its RF emissions are very low and are not likely to interference in nearby electronic equipment. Oximeter is suitable for use in all establishments, bromestic establishments and those directly connected is low-voltage power supply network that supplies sed for domestic purposes. Imagnetic immunity aution - electromagnetic immunity magnetic environment specified below. The
Immunity test IEC 60601 Compliant test level level level Electrostatic ± 8 kV contact ± 8 kV contact ± 8 kV contact ± 15 kV air ± 15 k	tact Floors should be wood, concrete orceramic tile. If floors are covered withsynthetic material, the	IEC 61000-4-6 SVIIIS N/A Closer to a precommend to the frequency of the frequency	omagnetic immunity E-SUPPORTING on - electromagnetic immunity nagnetic environment specified below. The	NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies NOTE 2 These guidelines may not apply in all situations. Electromagnetic is affected by absorption and reflection from structures, objects and people. a Field strengths from fixed transmitters such as base stations for radio(cellular/cordless)telephones and land mobile radios amateur radio. AM and FMradio broadcast and TV broadcast cannot be predicted theoretically with accuracy To assess the electromagnetic environment due to fixed RF transmitters an electromagnetic site survey should be considered. If the measured field strength in the location in which the pulse Oximeter is used exceeds the applicable RF compliance level above, the Pulse Oximeter should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Pulse OxImeter b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3V/m.	Recommended separation distances between portable and mobile RF communications equipment and the EQUIPMENT or SYSTEM-for EQUIPMENT and SYSTEMS that are not LIFE-SUPPORTING Recommended separation distances between portable and mobile RF communications equipment and the pulse oximeter The Pulse Oximeter is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Pulse Oximeter can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Pulse Oximeter as recommended below, according to the maximum output power of the communications equipment	Rated maximum output of frequency of transmitter / m output of transmitter 80 MHz to 800 MHz to 800 MHz de $(\frac{1}{F_c})\sqrt{F}$ MHz to $(\frac{1}{F_c})\sqrt{F}$ MHz to $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F_c}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F_c}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})\sqrt{F}$ de $(\frac{1}{F_c})F$	Shenzhen Aeon Technology Co., Ltd. RM6H02. Block 27-29 Tianxia C Industrial Park Majalong No 133 of Yiyuan road, Nantou Street Nanshan District. Shenzhen China Ec REP Distributed in Australia by: EBOS Group Australia by: EBOS Group Australia Py Ltd. Unit 2, 109 Vanessa Street, Kingsgrove, NSW 2208 Distributed in New Zealand by: EBOS Group Limited, 108 Wrights Road, Christchurch 8024 www.inhealthmedical.com.au