WIT- \$400 Fingertip Pulse Oximeter

OPERATION MANUAL

Caution: Careful reading is required before using the WIT-S400 Pulse Oximeter.

vide chargeable maintenance services after the expiry of warranty. If yed or unpaid, Multibrands will suspend the maintenance service

ance is delayed or unpaid, Multibrands will suspend the

Return Process

The below steps should be followed in goods return Obtaining return material authorization (RMA): Contact the after-sales service dep

Multibrands and inform serial number which marked on the packing box and the nameplate. Returns would be rejected if the serial number is not legible.

2. Freight: Customer should bear the freight if the product is transported to our co

After-sales Service

Address: Multibrands International Ltd.13/F-B2, Block 1, Unit 2, Jowett Street, Bradford BD1 2JX United

Post Code: BD1 2JX

Trademarks

Cautions

NOTE

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All servicing must be carried out by the service personnel trained and

equipment under any circumstances. And the maintenance of housing, media parts can be only carried out by the service personnel trained and authorized by Witleaf.

Authorized service personnel can ask for corresponding information from the company, including

Properly apply and avoid using the oximeter under high ambient light sources, fluorescent lights,

infrared heating lamps and direct sunlight to minimize interference that may result in no or

maccurate reasons.

Electromagnetic Interference - make sure that installation and operation of this oximeter is free from high electromagnetic interference, such as Mobile phone and wireless transmitters.

Only perform maintenance procedures specifically described in the manual; otherwise, return the

oximeter for servicing. Improper maintenance may result in damage to the internal parts. Damage to internal parts may result in no or inaccurate readings.

Do not clean the oximeter with any chemical other than those specified in the cleaning

These substances may affect the device's materials and damage internal parts.

Do not submerge the oximeter in any cleaning solution or attempt to sterilize by autoclave, irradiation, steam, gas, ethylene oxide or any other method. This will seriously damage the device.

Never submerge the oximeter in water or any other liquid solution this may cause permanent

Adultional equipment connected to measted electrical equipment must comply with the respective IEC or ISO standards (e.g. IEC 60950 for data processing equipment). Furthermore, all configurations shall comply with the requirements for medical electrical systems (See IEC 60601-1 or clause 16 of the 3Ed. of IEC 60601-1, respectively). Anybody who connect devices to the equipment's signal input/output port are responsible for providing evidence that the safety certification of the devices has been performed in accordance to the IEC 60601-1.Attention is

drawn to the fact that local laws take priority over the above-mentioned requirements. If in doubt,

> Packages and batteries must be disposed in accordance with the currently implemented waste control regulations and placed in places that children do not have access to.

Keep this manual in the vicinity of the equipment so that it can be obtained

> This user manual introduces this product according to the top configuration and the product you

consult your local representative or the technical service department.

purchased may not have some configurations or functions claimed

To ensure a normal performance, operate this equipment in assigned co The oximeter display will shut off auto itically if there are no readings.

> The condition is limited as follow

The condition is limited as follows:

Temperature: 0 * 440 ° 5; * (Noncondensing);

Relative humidity: 15 % * 95 * (Noncondensing);

Barometric: 70.0kPa ~ 106.0kPa;

Power Supply: two AAA batteries;

When the ambient temperature of the device changes too much, such as m one place of lower temperature to another place of higher temperature, Allow the device to remain in a room for 120 minutes where the temperature is between 0 Cto 40 °C. > All figures provided in this operation manual are for reference only, and may not be

PULSE OXIMETER MONITOR.

1.2. Equipment symbols

Symbol De	Symbol Description							
<u> </u>	Warning: refer to this operational manual.	\triangle	Caution, refer to this operational manual.					
ŵ	Adult	*	Pediatric					
	Manufacturer	EC REP	Authorized Representative in the European Community					
C € 0123	CE Mark: conforms to essential requirements of the Medical Device Directive 93/42/EEC.							

	Fragile: handle with caution	X.	Temperature limit: do not expose the oximeter to extreme temperature which beyond the limit of display.
TT.	Avoid rain	<u>[</u>	Location: With this side up.
10%	Moisture Condition: do not expose the oximeter to extreme moisture which beyond the limit of display.		Stacking Limit: maximum to 3
105KPa 57.3KPa	Indicates the atmospheric pressure during transportation shall not be higher than 106 kpa or lower than 57.3 kpa		4

WIT-S400 User's Manual 00 Roman

Figure 2-3 Back View of WIT- S400 1. Place the WIT- S400 so that the display screen is facing downwards. 2. Place the Wil - SMLD SUBMENT CONTROL OF A PROBLEM STATES.

3. Insert two new AAA batteries and match the orientation labels (+ and -) Note: WIT-SAO will not work if the batteries are inserted in the incorrect 4. Once the batteries are correctly inserted, put cover back on.

MARNING: Do not attempt to recharge normal alkaline batteries, they may leak and may ca

2.2.3. Using WIT-S400

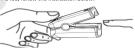


Figure 2-4 Using oximeter diagram

1. To open the WIT-S400, squeeze the back portion of the device as shown in the image above.
2. Insert one of your fingers so the sensor LED is above the fingernali.
3. Once the finger is correctly positioned, gently close the WIT-S400 by releasing the pressure on the back of the device.
4. Press the button on the front shorter than 0.5 second until the screen displays the boot interface, the

WIT-S400 will display readings

MARNING: Do not attempt to secure the WIT-S400 to the finger using external pressure. The internal spring provides the correct pressure; additional pressure may cause inaccurate readings. The oximeter will automatic fall into standby or sleep mode after 8 seconds without finger in it.

2.2.4. Install Hanging Cable

Let the thin end of the rope go through the cable hole, next let the big point of cable go through the hole,

Product	Fingertip Pulse Oximeter
Model Code	WIT-S400 (SatTip)
Certificate No.	/
Production Date	Refer to product label
Expiration Date	3 years
Structure and component of Product	The fingertip pulse oximeter consists of mechanical enclosure, silicone pads and function boards.
Scope of application	WIT- \$400 Pulse Oximeter by Multibrands is for users to measure blood oxygenation level (\$pO2), pulse rate (PR) and perfusion index (PI). And the oximeter is intended to provide monitoring for medical institutions, home care and those who are interested to knowing their blood oxygen parameters.
Model description	WIT- S400 Pulse Oximeter includes SPO2, PR, and PI.
Registrant/Manufacture/ Names of Enterprises	Shenzhen Witleaf Medical Electronics co., Ltd.
Address	13/F-B2, Block 1, Senyang Science Park, No.7 Road, West District of High-Tech Park, Guangming District, 518132 Shenzhen, P.R.China
European Representative Name	Zug Medical Systems SAS
European Representative	

Release date: May 18, 2020

Declaration of Conformity



nts of the 93/42/EEC gu

Content SAFETY GUIDE. SAFETY INFORMATION.
EQUIPMENT SYMBOLS.
ODUCTION......
GENERAL INTRODUCTION
BASIC COMPONENTS... FUNCTION OF WIT-S400. MENU INTRODUC DATA ANALYSIS.... OTHER SETTINGS. MAINTENANCE. A.PRODUCT SPECIFICATIONS.

with the picture of real product.

> FUNCTIONAL TESTER cannot be used to assess the ACCURACY of a PULSE OXIMETER PROBE or a

\triangle	Warning: refer to this operational manual.	\triangle	Caution, refer to this operational manual.		
Ť	Adult	*	Pediatric		
444	Manufacturer	EC REP	Authorized Representative in the European Community		
C € 0123	CE Mark: conforms to essential requirements of the Medical Device Directive 93/42/EEC.				

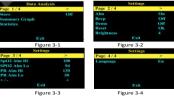
MULTIBRANDS WIT-S400 User's Manual

Figure 2-5 Install Hanging Cable

3. Function of WIT-S400

3.1. Menu Introduction

There are two ways to operate the button according to the pressing time, long-press is longer than 0.5 second and short press is shorter than 0.5 second. Short-press is used to select an item by moving a light bar to the line of this item, long-press is used to change the item's value, status or open a new page. Long-press not the power button in sequence, the oximater will display Menu page as shown in Figure 3-1"3-4. When the bar is on the second row, long-press make the screen display the next page.



3.2. Data Analysis

3.2.1. How to start a new analysis

3.2.1. HOW to start a new analysis

Long-press the button select "store" on Figure 3-1, then the display is shown as Figure 3-5. Select

"OK", the status of "store" will change to "on". Then put the finger into rubber hole of the oximeter
to start a new continuous measurement. The maximum of recording time is 8 hours. When the
measurement is finished, take off the oximeter. Long-press the button change the status of "store"
to "off or turn on the oximeter again and then the status of "store" also display "off" as shown in

Statement

This operation manual serves as a reference for the operation, maintenance of Puls Multibrands international Ltd. (henceforth referred to as Multibrands). No adaption is a the permission of Multibrands. All rights are reserved by Multibrands in improvement components, software and hardware, and Multibrands reserves the right of final interp

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information. Disclosure of the information in this manual is strictly forbidden. This operation manual contains proprietary information protected by copyright law. All rights are No part of this manual may be photocopied, reproduced or translated to other language without prior

Maintenance Service

The warranty period of this eximeter and related accessories is mainly based on the sales agreement, and

The warranty period of this oximeter and related accessories is mainly based on the sales agreement, and consumables are not included.
Consumables: refers to disposable consumable materials which need replacement after each use and fragile materials which need replacement termly.
The warranty period starts from the "installation date" filled in the product warranty card accompanying the product. The product warranty card is the only proof for calculating the warranty period. In order to protect your interests, please fill in the product warranty within 30 days after reception and installation, and then return the second copy to Multibrands. The warranty period will start with the date after 45 days from the "delivery date" on the packing box if the warranty falls to return to Multibrands on time.
Multibrands is responsible for the perfects on active reliability and performance of this product rowl if.

Multibrands is responsible for the effects on safety, reliability and performance of this product, only if:

The product is used in accordance with the instructions for use.

- All installation operation, maintenance and upgrading of this product are conducted by Multibrands authorized or approved personnel. The environment for storage, working and electrical environment of the product conform to the product specifications. product specifications.

 > The label of serial number or manufacturing logo is clear and can be identified as product of
- Damage caused by non-artificial factors (E.g. Accidental falls, unintentional damages, etc.). Scope of Free Services:

Scope of Free Services:

All products out the range of warranty ordinance, the service will be charged.

This limited warranty excludes:

All products that out the range of warranty ordinance, the service will be charged.

Even during the warranty period, the product needs to be repaired due to the following of man-made damage, improper use, the grid voltage exceeds the specified range of primersistible natural disasters; replace components, accessories and consumables or repair to by personnel without authorization of Multibrands. Customer should bear the freight if the product is transported to our company to repair, the user will have to bear the freight (including customs fees). Apart from the reasons above, and the maintenance service is chargeable. Extra fees on maintenance and accessories should be paid.

1. Safety Guide

1.1. Safety Information

The following information is used to indicate potential hazard:

Danger	indicates a potential hazard or unsafe practice that, if not avoided, could result in death or serious injury.
Warning	Indicates a potential hazard or important message that, if not avoided, could result in death or serious injury.
≜ Caution	Indicates potential hazard or unsafe operation that, if not avoided, could cause slight or moderate injury or damage to equipment.
♠Note	Emphasize important precautions and provide application tips or other useful information to ensure that you get the most message from your product.

This device doe

General

- > To ensure accurate perfor
- Do not use the oximeter during defibrillation and electrosurgery.
 Do not use the oximeter in situations where alarms are required.
- > To avoid electronic burn by induced current, this device cannot be used in the pre
- > Do not use the oximeter in ICU, because the device's alarm does not meet requ 60601-1-8.
- > To avoid explosion hazard, do not use the equipment in the presence of oxygen-mixed
- vannage Prolonged and continuous oximetering may increase jeopardy of unexpected change of den condition such as abnormal sensitivity, rubescence, vesicle, repressive putrescence, and so on. especially important to check the sensor placement of neonate and patient of poor perfusion immature dermagram by light collimation and proper attaching strictly according to change the skin. Check per 2-3 hours the sensor placement and move it when the skin deteriorates. M frequent examinations may be required for different patients.
- > Do not leave the oximeter unattended around children. Small items such as the battery door battery, and lanyard may become choking hazards
 > Do not use this oximeter if it appears or is suspecte
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2. Introduction

2.1. General introduction

2.1.1. Scope of Application

WIT- \$400 Pulse Oximeter by Multibrands is for users to measure blood oxygenation level (\$p02), pulse rate (PR) and perfusion index (PI). And the oximeter is intended to provide monitoring for medical institutions, home care and those who are interested to knowing their blood oxygen parameters.

2.1.2. Contraindications

It is not for intensive care or person whose all the fingers are injured 2.1.3. Components of Oximeter

The oximeter consists of the main unit and batteries 2.2. Basic Components

2.2.1. Front View of WIT-S400 188 SpO2 -

98 72 98 72 8 2 1 8 2 1 98 72 1 8 2 2 1 8 2 2 1 98 72 1 98 72 1 98 72 1 98 72 1 98 72 Figure 2-2 Front View of WIT-S400 and OLED Display The front view of WIT-S400 includes screen display and a function key. The screen displa

ine rront view of WIT-3400 includes screen display and a function key. The screen display measurement information concerning parameters and waveforms. The function of the keys is to control the boot, switch the screen orientation and enter or exit the function menu. Each time press the button for less than 0.5 seconds, can switch between 6 different display interfaces. As shown in the picture above.

Note: When battery power is at the lowest level, the battery capacity displays symbol of * \to '\to ''in OLED, to remind users of replacement of battery.

2.2.2. Back View of \$400

The WIT- \$400 requires two AAA batteries to operate. Install the battery on the back of the oximeter, as shown in Figure 2-3.

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3.2.1. How to start analysis results

Now the status of "Store" is off and "Summary Graph" and "Statistics" is OK. Select "Summary Graph", long press to open the graph page as shown in Figure 3-8. Each full page display 15 minutes' data. Select "<" or ">" and long press to see the previous or next page, select "<" or ">">" and long press to see the first or last page. Select "=" or ">">" and may press to see the first or last page. Select "=" or ">" and long press to open the Statistics" and long press to open the Statistics page as shown Figure 3-9.



Figure 3-9

WARNING: The oximeter is NOT intended for diagnosis and the ODIA is only for warning, if there is any abnormal about the readings please go to the hospital for further examination.

ODIA indicates the severity of hypoxia during sleep, if this number is greater than 25, please go to the hospital for further examination.

"ODIA" (Oxygen desaturation index of 4%) means Events of Desaturation which is not less than 4% per hour during the total recording time.

"Time" means the total recording time of last storage.

Max Sp02/PR is the maximum Sp02/PR value of the entire storage.

"Time" means the total recording time of last storage.

Max Sp02/PR is the maximum Sp02/PR value of the entire storage.

Min Sp02/PR is the minimum Sp02/PR value of the entire storage.

Note : If starting a new storage and the time is longer than ten minutes, the previous storage information will be replaced.

Note : "Summary graph" and "Statistics" cannot be opened when the storage is empty.

WARNING: The analysis results of OD4I is only as a reference. It may be inaccurate when total sleep time is less than 2 hours or interfered by other factors, such as finger moving, device droped from the finner are

sleep time is sess time a nown a new place.

Markinger, etc.

WARNING: Some model is not suit for testing ODI4, before you want to test a long time, please check the device if it is suit for long time testing. During prolonged periods of use, if you feel discomfort or pain in your finger, please take off the oximeter immediately to prevent the finger injuries.

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Product Description

Table of product information:

3.3. Other Settings

3.3.1. ALM Setting

kimeter has over-limit sound prompt function. When the measured values of the SpO2 and PR The oximeter has over-limit sound prompt function. When the measured values of the SpO2 and PR parameters exceed the upper and lover limits which setting in Figure 3-3 and the Alm setting in Figure 3-2 is set to "Of", the buzzer of the machine will prompt once every second. If the Alm setting in Figure 3-2 is set to "Off", the owineter will turn off the function.

The default state is "On". The SpO2 Alm upper limits default value is 100 and the lower limits default value is 40 and the lower limits default value is 130 and the lo

3.3.2. Beep Setting

The oximeter has a pulse sound prompt function. If the Beep in Figure 3-2 is set to "On", the buzzer will beep with the pulse wave. If the Beep is set to "Off", the oximeter will turn off the function. The default state is "Off".

3.3.3. Demo Setting

The oximeter has a demonstration function. If the Demo in Figure 3-2 is set to "On", the oximeter will display the pre-existing demo. The default state is "Off". 3.3.4. Brightness Setting

The oximeter can adjust the screen brightness through the Brightness setting. It can be set to 1,2,3,4,5 to represent different brightness of the screen. The default state is "4". 3.3.5. Language Setting

3.3.1. Reset State

set status is shown as "Ok", when all settings in Figure 3-2 and Figure 3-3 are in the default state. If not , the Reset state is blank

7. Maintenance

rmation on periodic testing and 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 compartment if the Oximeter will not be open period of time. It is better to store the product in a place where temperature is -20 $^{\circ}$ 60 $^{\circ}$ C and hundred the product of the product of

9078. Regular inspection to make sure that no obvious damage to affect the safety and pe device.

No flammable substance, extreme high or low temperature and humidity.

\triangle Warning

- Otherwise equipment failure and possible health hazards could result.
- > Failure on the part of the responsible individual hospital or institution using this equipm ended maintenance schedule may cause undue equipment failure and
- > The safety checks or maintenance involving any disassembly of the equip performed by professional service personnel. Otherwise, undue equipment failure and possible
- health hazards could result.
- > Do not heat batteries to above 60 °C, incinerate batteries, or short the battery to
- may ignite, explode, leak or heat up, causing personal injury.

 No modification of this equipment is allowed.

 If you discover a problem with any of the equipment, contact your service personnel.

 The service personnel must be properly qualified and thoroughly familiar with the ope

- > At the end of its service life, the equipment, as well as its accessories, must be disposed of in
- compliance with the guidelines regulating the disposal of such products. If you have any que concerning disposal of the equipment, please contact Multibrands.

 When disposing of the packaging material, be sure to observe the applicable waste or regulations and keep it out of children's reach.
- Use and store the equipment within the specified temp

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and EQUIPMENT OR TYPE REFERENCE).

If any i the performance of the ME EQUIPMENT or ME SYSTEM that was determined to be ESSENTIAL PERFORMANCE and a description of what the OPERATOR can expect if the ESSENTIAL PERFORMANCE is lost or degraded due to EM DISTURBANCES (the defined term "ESSENTIAL PERFORMANCE" need not be used).

Technical description

1.all necessary instructions for maintaining BASIC SAFETY and ESSENTIAL PERFORMANCE with regard to electromagnetic disturbances for the excepted service life.

2. Guidance and manufacturer's declaration -electromagnetic emissions and Immunity

Guidance and manufacturer's declaration - electromagnetic emissions				
Emissions test	Compliance			
RF emissions CISPR 11	Group 1			
RF emissions CISPR 11	Class B			
Harmonic emissions IEC 61000-3-2	Not application			
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not application			

Guidance and in			
Imr	nunity Test	7	
	tic discharge (ESD) 61000-4-2		
	ast transient/burst		

line(s) to earth: ±2 kV. t 0°, 45 °, 90 °, 135 °, 180 ° ° and 315 ° 0% 1 cycle And IEC 61000-4-11 0% 300 cycle IEC 61000-4-8 50Hz/60Hz 80% Am at 1kH

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4. SpO2

4.1. Overview

The basic principle of SpO₂ me hemoglobin. The wavelength of red light is 905nm and the infrared light is 660nm. The optical signal with SpO₂ is firstly inducted by sensor and obtained by microprocessor through analog-to-digital conve Finally, after a series of calculations and calibrated by blood gas analysis, parameter information are obtained, such as Pulse Oxygen Saturation (SpO₂), pulse rate (PR), pulse waveform, and arterial pulsation. **△** Note

> One of the ma mum infrared radiation powers ≤ 0.1W, red maximum radiation power ≤ 0.11W.

4.2. User Preparation

tion to the following guidelines

Finger is the monitoring site to measure SpO2, clear the fingers before measure

△Caution

- > If the result be suspected as inaccurate in SpO2 mean
- Inappropriate positioning of the SpO2 sensor or excessive
- > Factors such as patients' physical movement, magnetic field, electrical
- > The accuracy of SpO2 cannot be guaranteed in a state of low perfusion

The pulse rate is abbreviated as PR, which means the frequency of the arterial pulse, which can be calculated by identifying the pulse wave.



NO.	Name
1	Pulse Rate (PR bpm): detected pulsations per minute.
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A.Product Specifications

A.1 Safety Specifications

A.1.1 Product Classification

The medical device has been assigned to class IIa according to Annex IX of the Directive 93/42/EEC.

- EMC type: Class A
- According to anti-electroshock degree, BF type
- Harmful liquid proof degree: IPX2 Working system: Continuous runni

Working Environment

- Temperature: 0 ~ 40 °C;
 Relative Humidity: 15 % ~ 95 % (noncondensing),
 Barometric: 70.0 kpa ~ 106.0 kpa;
- Storage Environment:
- Temperature: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$; Relative Humidity: 10% 95% (noncondensing); Barometric: $57.3\text{kPa} \sim 106.0\text{kPa}$;

A.1.3 Information of Power Supply

A.2Technical Specification

Parameter	Specification
Size	Main device: 64.5*38.2*35(L× W× H)
Weight	44g
Display Screen	557
Туре	OLED
Size	OLED: 0.96inch
Resolution	128*64
Audio Indicator	
Buzzer	No alarm function, only sound prompt
Control	
Buttons	One key

	dance and n	nanufact	urer's declara	ition - electr	omagnetic	Immunity		
Radiated RF	Test	Band	Service	Modulation	Modulation	Distance	IMMUNITY	
IEC61000-4-3	Frequency	(MHz)			(W)	(m)	TEST LEVEL	
(Test specifications	(MHz)						(V/m)	
for ENCLOSURE	385	380	TETRA 400	Pulse	1,8	0.3	27	All All
PORT IMMUNITY to		-390		modulation				7.
RF wireless				18 Hz	h.			
communications				- A				
equipment)	450	430 -470	GMRS 460, FRS 460	FM ± 5 kHz	2	0.3	28	
				deviation 1 kHz sine				
	710	704 -	LTE Band 13,	Pulse	0,2	0.3	9	
	745	787	17	modulation				
	780			217 Hz				
	810	800 -	GSM 800/900,	Pulse	2	0.3	28	
	870	960	TETRA 800,	modulation				
	930		iDEN 820, CDMA 850,	18 Hz				
			LTE Band 5					
	1720	1 700 -	GSM 1800;	Pulse	2	0.3	28	
	1845	1 990	CDMA 1900;	modulation				
	1970	1	GSM 1900;	217 Hz				
			DECT; LTE Band 1, 3,					
			4, 25; UMTS					
	2450	2 400 -	Bluetooth,	Pulse	2	0.3	28	
	2430	2 570	WLAN,	modulation	1 1	0.5	20	
		2370	802.11 b/g/n,	217 Hz				A
			RFID 2450,	227112				
			LTE Band 7					
	5240	5 100 -	WLAN 802.11	Pulse	0,2	0.3	9	
	5500	5 800	a/n	modulation				
	5785	4	I	217 Hz				

6. Cleaning and Disinfection

6.1. Safety Information

 \triangle Caution

 \triangle Note

△ Warning

> Switch off the power and take out the batteries before cleaning

> If you pour any liquid on the equipment by accident, please

- equipment.
- > Do not press the display screen hard during cleaning, other

6.2. Cleaning

- Cleaning operation can be performed according to following steps:

 Turn off the oximeter and take out the batteries.

 Use a clean lint-free cloth to wipe dusts off the oximeter.

 Use an use dampened with proper amounts of detergent to wipe the surface of the oximeter.

 Use a clean lint-free cloth to dry the oximeter.
- Keep the oximeter dry in a ventilated environment. following cleaning options are available: Sodium hypochlorite (Bleaching powder for washing Hydrogen Peroxide (3 %)

- Hydrogen Peroxide (3 %) Ethanol (70 %) Isopropyl Alcohol (70%)

6.3. Disinfection

The disinfectant used would cause some damages to the surface of the oximeter's housing and cables such as spots on the plastic housing. Disinfect the oximeter when necessary. Disinfectant recommended by this user manual:

Ethanol (70 %) Isopropyl Alcohol (70%)

A.3 Storage of data

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A.4 Parameter Information

A.4.1 Specification of SpO2

ISO 80601-2-61:2011
0~100%
In the range of 70 % ~ 100 %, the measurement error should be ±2 %;
Range of 0 to 69%: none-define.
1%

A.4.2 Specification of PR				
PR				
Requirement	ISO 80601-2-61:2011			
Range of Measurement	25bpm~250bpm			

B. EMC

Instructions for use

The ME EQUIPMENT or ME SYSTEM is suitable for home healthcare environments and so on.

Warning: Don't near active HF surjical equipment and the RF shielded room of an ME system for magnetic resonance imaging, where the intensity of EM disturbances is high.

Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warning: Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment end result in improper operation."

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Fingertip Pulse Oximeter (Model: WIT-S400), including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

If any: a list of all cables and maximum lengths of cables (if applicable), transducers and other ACCESSORIES that are replaceable by the RESPONSIBLE ORGANIZATION and that are likely to affect compliance of the ME EQUIPMENT or ME SYSTEM with the requirements of Clause 7 (EMISSIONS) and Clause 8 (IMMUNITY). ACCESSORIES may be specified either generically (e.g. shielded cable, load impedance) or specifically (e.g. by MANUFACTURER - 14 -