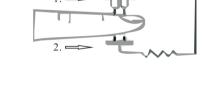
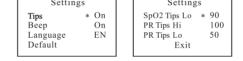
Size:480*297mm

Owner's Manual	Safety Notice	Important Testing Guidelines	Features	To Use	(Cleaning and Mai	ntenance
	1. Before use carefully read the manual.	1.Non-observance of the following instructions can lead to	1.Simple to operate and convenient to carry.	CAUTION: Please make sure your finger size is appropriate	1.Please use n	nedical alcohol to clean	the silicone touching
Fingertip Pulse oximeter	2. Do not use the pulse oximeter:	incorrect or failed measurements	2.Small volume, light weight and low power consumption.	(fingertip width is about 10~20 mm, thickness is about 5~15 mm)		of oximeter with a soft	e
		-There must not be any nail polish, artificial nails or other cosmetics	3.Displays SpO2, PR, Pulse bar, and waveform.	CAUTION: This device cannot be used in strong radiation	isopropyl alco	ohol. Also clean the being	tested finger using alco
XM-103	-if you are allergic to rubber products.	on the finger to be measured.	4.Level 1-5 adjustable brightness.	environment. It can only be used after binding.	before and aft		
	-if the device or finger is damp.	- Ensure that the finger nail on the finger to be measured is short	5.5 display modes.	CAUTION: This device cannot be used with other medical devices or non-		or spray liquids onto the	
	-during MRI or CT scan.	enough that the fingertip covers the sensor element in the housing.	6.A low voltage warning will be indicated in visual window when	medical devices.		enter any openings in the	e device allow the oxime
	-while taking a blood pressure measurement on the arm.	- Keep your hand, finger and body steady during the measurement.	battery voltage is so low that normal operation of the oximeter	CAUTION: When placing your fingers, ensure your fingers can		ghly before reuse. pulse oximeter requires	a na nautina salihuatian
	-nail polish, dirty, coating fingers and false nails applied fingers.	- In cases of carbon monoxide poisoning, the pulse oximeter will	might be influenced.	completely cover the LED transparent window in the finger clamp compartment.		other than replacement of	
	-fingers with anatomical changes, edemas, scars or burns.	display a measurement value that is too high. - To avoid incorrect results, there should not be any strong light	7. When it shows "Finger out", the pulse oximeter will power off	1. As shown in the figure, squeeze the clip of the pulse oximeter, fully		of the device is 3 year	
	-Too big finger: the width of finger is over than 20mm and the thickness is	sources(e.g. fluorescent lamps or direct sunlight) in the immediate	automatically in 10 seconds.	insert your finger into the finger clip compartment, and then loosen		s every day and 15 minu	
	over than 15mm.	vicinity of the pulse oximeter.	8.Beep. 9.When the buzzer and reminder function are turned on, the	the clip	Stop using an	d contact local service ce	enter if one of the follow
	-Too small finger: the width of finger is less than 10mm and the thickness is	- Protect the pulse oximeter from dust, shocks, moisture, explosive	numbers on the screen will flash when the reminder occurs, and	2.Press the power button one time on front panel to turn the pulse	cases occurs:		
	less than 5mm.	materials.	the buzzer will beep.	oximeter on.	• An error in t	he Possible Problems and	d solutions is displaye
	-Minors under 18 years old.	- Excessive patient movement.	10.Bluetooth function.	3.Keep your hands still for the reading. Do not shake your finger	screen.		
	-The environmental light changes strongly.	2. The following situations may cause inaccurate measurements		during the test. It is recommended that you do not move your body		cannot be powered on in a	any case and not the reas
	-near flammable or explosive gas mixtures.	- Significant levels of dysfunctional hemoglobin (such as carbonyl -	Unit Operation	while taking a reading.	of battery.	-l	
	3. Extended use may cause pain for people with circulatory disorders. Do	hemoglobin or methemoglobin).	Battery Installation	4. Read the data from the display screen.	1	ck on the oximeter or dama not be identified; the spri	
	not use the pulse oximeter for longer than two hours on one finger.	- Venous pulsations.		5. To select your desired display brightness, press and hold the power	-	or unavailable.	ing is invalid of the k
	4. Measurements are for your information only - they are no substitute for	 Placement of a sensor on an extremity with a blood pressure cuff, arterial catheter, or intravascular line. 	Slide battery cover off as indicate by arrow. Install 2 new AAA alkaline batteries according to polarity. Close battery Cover.	button during operation untill the brightness level changes. 6.To choose among the various display formats, press the power	5.Cleaning and		
	a medical examination.	- The patient has hypotension, severe vasoconstriction, severe	and the batteries according to polarity. Close battery cover.	button briefly during operation.	Cleaning procee	-	
	5. Check the pulse oximeter regularly before use to ensure that there is no	anemia, or hypothermia.	The state of the s	7.If you remove the oximeter from your finger, it will shut off after		neter on a clean table and	wipe the entire surface
	visible damage and the batteries are still sufficiently charged. In case of doubt, do not use the device and contact customer services or	- The patient is in cardiac arrest or is in shock.		about 10 seconds.	, ·	er finger pads for 3 times l	1
	authorized retailer.	- Weak pulse quality (low perfusion).			in 70% isopropa	anol;	
Document No.: JDXM-0304-052 Version: Z	6. Do not use any additional parts that are not recommended by the	- Low hemoglobin.			b) Wait for 1 mi	nute to fully dry the oxime	eter.
	manufacturer.				Disinfection pro	ocedures:	
	7. Any circumstances do not open or repair the device by yourself. Failure				a) Dip a clean s	oft cloth in 70% isopropar	nol, and clip it by the fi
General Description	to comply will result in voiding of the warranty. For repairs, please	Intended Use	Note:		pads for at least	3 minute;	
CAUTION:	contact customer services or authorized retailer.		1)Be sure to follow the correct polarity when installing the batteries.			soft cloth, wait for 1 minut	
Federal (U.S.) Law restricts this device to sale by or on the order of a	8. Do not look directly inside the housing during the measurement. The red	The fingertip pulse oximeter is a portable non-invasive, spot-check,	Reversed batteries may cause damage to the device.	8.Using Bluetooth communication	CAUTION: Nev	ver use EtO or formaldehy	de for disinfection.
hysician.	light and the invisible infrared light in the pulse oximeter are harmful to	oxygen saturation of arterial hemoglobin and pulse rate of adult at	2)Use only the size and type of batteries specified.	a)Download and install the "JOYTECH Healthcare" app from your		provided as non-sterile, p	
Dxygen binds to hemoglobin in red blood cells when moving	your eyes.	home, and hospital (including clinical use in internist/surgery,	3)Do not mix different types of batteries together or old batteries	smartphone's app store. Recommended App Store: recommend	according to t	the instructions before each	use.
through the lungs. It is transported throughout the body as arterial	 This device is not intended for use by people (including children) with restricted physical, sensory or mental skills or a lack of experience or a 	anesthesia etc).	with fresh ones. Always replace batteries as a simultaneous set.	"Google store" for Android users, and recommend "App store" for	1		
blood. A pulse oximeter uses two frequencies of light (red and	lack of knowledge, unless they are supervised by a person who has		4)Replace the batteries in a timely manner when low voltage lamp is	IOS users.	1		
nfrared) to determine the percentage(%) of hemoglobin in the blood	responsibility for their safety or they receive instructions from this	Unit Illustration	lighted.	b)Open the App on your phone. If requested, you should enable	(Troubleshootin	g Guide
hat is saturated with oxygen. The percentage is called blood oxygen	person on how to use the device. Children should be supervised around		5) If the batteries in the device are depleted or the device will not be used for a long period of time, remove the batteries to damage or	Bluetooth on your phone. You can enable Bluetooth under the Settings menu on your smart phone.		11040100100011	gourue
aturation, or SpO2. A pulse oximeter also measures and displays	the device to ensure they do not play with it.	Contents	injury from possible battery leakage.	c)Create a new user account on the APP or use existed user name and			0.1.4
he pulse rate at the same time it measures the SpO2 level.	10. If the unit has been stored at temperatures below 0°C, leave it in a		6)Do not try to recharge batteries not intended to be recharged; they	password to login.	Problem	cause	Solution
The oximeter is for prescription use or prescription home use.	warm place for about two hours before using it.	- 1 x XM103 pulse oximeter - 1 x Owner's Manual	can overheat and rupture.	d) Attention : First, turn on the oximeter and then click "not	[]	Batteries are depleted	Replace the batteries
his device conforms to IEC6061-1, IEC60601-1-2, IEC60601-1-	11. If the unit has been stored at temperatures above 40°C, leave it in a	- 1 x Retaining strap	7)Do not dispose of batteries in fire, batteries may explode or leak.	connected" on the APP. When the APP scans the Bluetooth of the	[]		Reinsert the batteries.
1, ISO 80601-2-61, IEC 62304, 47 FCC part 15C, ANSI C63.27.	cool place for about two hours before using it.	- 1 x Storage Bag	8)Keep batteries away from children and pets. Batteries may be	oximeter, the icon and the name of the oximeter will be displayed	[]		If after reinserting the
	12. Neither of the displays for the pulse wave and pulse bar allows the	- 2 x 1.5v AAA batteries	harmful of swallowed. Should a child or pet swallow a battery,	on the APP. At this time, click "Pair this device" on the APP, when	Monitor do not display	Batteries not inserted correctly	batteries correctly The are still no measureme
Measurement Principle	strength of the pulse or circulation to be evaluated at the measurement		seek medical assistance immediately.	"connected" is displayed on the APP, the connection is successful.	display		values displayed, cont
PRINCIPLE of the oximeter is as follows: The pulse oximeter works	site. Rather, they are exclusively used to display the current visual signal variation at the measurement site and do not enable diagnostics	MonitorUnit	9)Please follow the law of the local government to deal with used	Note: To realize the connection between the designated mobile	[]		customer service
y applying a pulsating arteriolar vascular bed. The sensor contains	for the pulse.	Monitor Unit	batteries	phone and the designated oximeter, it is necessary to ensure that all	1	Insufficient circulation	Observe the Importan
dual light source and photo detector. The one wavelength of light	13. Operation of the fingertip pulse oximeter may be affected by the use of		Attaching the retaining strap	oximeters except the designated oximeter are turned off.	[]	in the measurement finger	
ource is 660nm, which is red light the other is 905nm, which is	an electrosurgical unit (ESU).	Power Button	Attaching the retaining strap	e)When your oximeter is connected successfully to your smart phone, The data transfer will begin automatically. The APP will display the	Measurements	Finger, hand or body is	Keep your finger, han
nfrared-red light skin, bone, tissue and venous vessels normally	14. Follow local ordinances and recycling instructions regarding disposal			received data from oximeter immediately without delay.Note: The	are erratic	moving	and body still during t measurement
bsorb a constant amount of light over time. The photo detector in	or recycling or the device and device components, including batteries.	Slot for retaining strap		monitor requires a smart device with: Android 5.0 or later, IOS9.0	[]		
inger sensor collects and converts the light into electronic signal	15. This equipment complies with IEC 60601-1-2:2014 for electromagnetic	Finger Opening		or later.		Cardiac arrhythmia	Seek medical attentio
hich is proportional to the light intensity. The arteriolar bed	compatibility for medical electrical equipment and systems. In			6.7	[]	Finger is not inserted	Retry by inserting
ormally pulsates and absorbs variable amounts of light during	healthcare center or other environment, their radio transmission		a contraction of the second se	E	[]	correctly	the finger
ystole and diastole, as blood volume increases and decreases. The atio of light absorbed at systole and diastole is translated into an	equipment and electromagnetic interference may affect the performance of the oximeter.			9. APP Introduction	Measurements		There is excessive
kygen saturation measurement. This measurement is referred to as	16.The oximeter contains radio communication function, it may affect			As shown in the figure, this is an app icon.	can not be		illumination; Or, Try
pO2.	other electronic medical equipment, so it should not be used close to or			The APP interface can display blood oxygen value, pulse rate value,	shown normally	Patient's SpO2 value is too low to be measured	more times. If you can make sure no problem
	stacked with other equipment.		System Settings	pulse waveform and historical data curve, historical data is sotred	11		exist in the product, please go to a hospital
Diagram of Operation Principle	17. This equipment is not intended for use during patient transport outside	Display		in the APP, When the user pulls out the finger from the oximeter,	[]		timely for exact diagne
	the healthcare facility.		With power off, press the power button about 5 seconds to actuate	the APP will record the data once, The "Home" page of the APP	<u>الــــــــــــــــــــــــــــــــــــ</u>		
.Red and infrared-ray emission tube	18. When the signal is not stable, the reading may inaccurate. Please do not		system setting.	can display Last 3 historical data, and the "Curve" page of the APP	1		
.Red and infrared-ray receipt tube	reference.	NGPSS 🚛 FFaper - safety 📷 2020	Setting available for Tips, Beep, Language, Default, SpO2 Tips Lo,	can display a graph with all of historical data of any date in the past.	1		
		197 88 88 Z6I	PR Tips Hi, PR Tips Lo and EXIT. Long press to enter the specific value setting, short press to switch among the setting items.	The oimeter can only send the data to APP, mutual control is not	1		
		197 00 00 <u>201</u>	value setting, short press to switch among the setting items.	supported. When the Bluetooth connection is successful between			
		197 00 00 <u>20</u> 1	Settings Settings	supported. When the Bluetooth connection is successful between the oximeter and the APP, the APP cannot actively disconnect. The Bluetooth connection can only be disconnected when the oximeter			



PDF





Bluetooth connection can only be disconnected when the oximeter is turned off or the Bluetooth of the mobile phone is turned off. Only when the original oximeter is disconnected, the APP can be paired with the new oximeter

							FCC Information						
	14	there are no causes of data	Note:				Castient Channes on an 116 string to division		1	nonitor has been validated and tested for	Table 2 Guidance and manufacturer's decl	aration – electromagnetic immunity	Table 4 Recommended separation distances between
	The oximeter might not be porperly placed within the	ansmission interference				the accuracy of the	Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user	· ·		SO 60601-2-61:2011 and FDA Guidance	The device is intended for use in the electromagnetic environme assure that it is used in	nt specified below. The customer or the user of the device should	The device is intended for use in an electromagnetic environment in which radiated RF
onnection	smart device's tranmission range and is too for from wove the oximeter with 16ft.		oximeter. The test methods used to establish the SpO2 accuracy is clinical testing. The oximeter used to measure the arterial haemoglobin oxygen		-	authority to operate the equipment. This device complies with Part	Pulse Oximeters - Premarket Notification Submissions [510(k)s].		IEC 60601	Electromagnatic environment -	controlled. The customer or the user of the device can help prevent electromagnetic maintaining a minimum distance between portable and mobile RF communications equipm and the device as recommended below, according to the maximum output power of the		
uilure/ Data is ot being	the smart device	m) of the smart device ang / again				npared to the levels	15 of the FCC Rules. Operation is subject to the following two conditions:			t, the data is obtained from a controlled.	Immunity test test level Col Electrostatic ± 8 kV contact ±	8 kV contact Floors should be wood, concrete or	equipment. Separation distance according to frequency of transmitte
ansmitted					npling with a CO-o	-	(1) this device may not cause harmful interference, and			in healthy adult volunteers. A total of 12	discharge (ESD) ±2 kV, ±4 kV, ±8 kV, ±15 kV IEC 61000-4-2 air	4 kV, ±8 kV, ±15 kV air ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.	m m Rated maximum 150 kHz to 80 MHz 80 MHz to 800 MHz 800 MHz output of 3.5 cr 3.5 cr 3.5 cr
	The oximeter did not	ry to pair the devices	1.ISO 80601-2-	-61, medical elect	rical equipment -	part 2-61: particular	(2) this device must accept any interference received, including		0	emales and 6 males were recruited from	Electrostatic ± 2 kV for power transient / burst to UII incs		transmitter $d = [\frac{3.5}{V_1}]\sqrt{P}$ $d = [\frac{3.5}{E_1}]\sqrt{P}$ $d = $
	pair successfully to the	nce again	requirements	for the basic safe	ety and essential p	performance of pulse	interference that may cause undesired operation. *Note:The device has been evaluated to meet general RF exposure		-	teers aged from 21 to 40 without smoker. on, 288 paired data of the 12 adults were	IEC 61000-4-4 100 kHz repetition frequency iEC 61000-4-4 lines	N/A N/A	0.01 0.12 0.04 0.1 0.37 0.12
			oximeter equi				requirement. The device can be used in portable exposure condition	1	for XM-103	on, 200 parted data of the 12 datas were			1 1.17 0.35 10 3.7 1.11 100 117 2.5
	The application on the	heck the application en try sending the data				1:2009/(R)2012 and ical equipment part	without restriction.				Surge ± 0.5 kV, ± 1 kV differential mode line-line	N/A N/A	For transmitters rated at a maximum output power not listed above the recommended separat metres (m) can be estimated using the equation applicable to the frequency of the transmitter
	smart device is not ready a	gain			c safety and essenti		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.			Inclusion of the local data and	0 % UT (100 % din in UT.)		maximum output power rating of the transmitter in watts (W) according to the transmitter manufac NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
						quipment part 1-2:	These limits are designed to provide reasonable protection against	-			for 0.5 cycle at 0°, 45°, 90°, 135°,180°, 225°, 270°, and 315°		NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affect
			general requi	irements for basic	c safety and esse	ential performance	harmful interference in a residential installation. This equipment generates, uses, and can radiate radiofrequency energy. If this	- 2.4	1. 1. 1.	2.1.2 A 2 =	Voltage dips, short interruptions and 0 % UT voltage variations (100 % dip in UT)		and reflection from structures, objects and people.
	Specifications		collateral star	ndard: electromagi	netic disturbances	requirements and	equipment does cause harmful interference to radio or television	1-1-2		E 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	on power supply input lines 70 % UT	N/A N/A	1
				II (ES/EMC)).			reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one		2		IEC 61000-4-11 (30 % dip in UT) for 25/30 cycles at 0°		Table 5 Recommended separation distances between RF wireless communications equip
Model	XM	1-103				part 1-11: general	or more of the following measures:	11	11	31. 1. W, ≣	0 % UT (100 % dip in UT) for 250/300 cycle at 0°		The device is intended for use in an electromagnetic environment in which radiated RF disturbance
Display	OLEI	display	-	-	d essential perform		- Reorient or relocate the receiving antenna.	1 32			Power frequency (50/60 Hz)	A/m, 50/60Hz A/m, 50/60Hz	The customer or the user of the device can help prevent electromagnetic interference by mainta distance between RF wireless communications equipment and the device as recommended below maximum output power of the communications equipment.
	Display Range	0%~99%			ical electrical equ e healthcare enviro	ipment and medical	- Increase the distance between the equipment and the receiver.			In a typical commercial or hospital IEC 61000-4.8 review of the set level.		Frequency MHz Maximum Power IEC 60601 Compliance Electric Environme	
	Measurement Range	70%~100%			- neurineare citvilo		 Connect the equipment to an outlet on a circuit different from that to which the receiver is connected. 		Fig.1: Linear regression fit (X axis is SaO2, Y axis is the difference of SpO2-SaO2)				MHz W Test Level Level 385 1.8 0.3 27 27 RF wireless of equipments being and equipments
SpO2		70%~100% ±2%	Correct disposal of this product. (Waste electrical & electronic equipment)			- Consult the dealer or an experienced radio/TV technician for help.	,		Table 2		450 2 0.3 28 28 closer to any princluding c		
	Accuracy	0%~69% no definition			. /	hat it should not be	W				Table 3 Guidance and manufacturer's decl The davice is intended for use in the electromagnetic envir		710 recommend 745 0.2 0.3 9 9 equation and equation
	Resolution	1%		-		of its life. To prevent	Warranty				Immunity test IEC 60601 test Compliance		745 0.2 0.3 9 9 requestor of Requestor of Requestor of Recommendation and Recommendation of Recommenda
	Display Range	0~240bpm	-			h, please separate this	The Fingertip Pulse oximeter is guaranteed for 2-year from the date	-			level level	Portable and mobile RF communications	$E = \frac{6}{d}\sqrt{P}$
	Measurement Range	30~240bpm	product from other types of wastes and recycle it responsibly. When disposing this type of product, contact the retailer where product was purchased or contact your local government office for details regarding how this item can be disposed in an environmentally safe recycling center.			of purchase. If the Fingertip Pulse oximeter does not function		Conducted RF 3 Vrms N/A 150 kHz to 80 MHz 150 kHz to 80 MHz 150 kHz to 80 MHz IEC 61000-4-6 6 Vrms 150 kHz to 80 MHz outside 18M bandsa 150 kHz to 80 MHz	equipment should be used no closer to any part of the device, including cables, than the	870 2 0.3 28 28 Where P is the output power ransmitter in w			
Pulse Rate	Accuracy	30~100bpm,±2bpm;			-	properly due to defective components or poor workmanship, we will repair or replace it freely. The warranty does not cover damages to			recommended separation distance calculated from the equation applicable to the frequency of the transmitter	930 according to 1 1720 recommended recommended			
	Accuracy	100~240bpm,±2%			0 0	your Fingertip Pulse oximeter due to improper handling. Please			Recommended separation distance	1845 2 0.3 28 28 distance in me strengths from			
	Resolution	1bpm	Business users	should contact th	neir supplier and	check the terms and	contact local retailer for details.			1		$d = \left[\frac{3.5}{V_1}\right]\sqrt{P}$	1970 transmitter, as an electromag should be less
Power supply	2x1.5vA	A batteries			-	t should not be mixed	Contact Information			1	Radiated RF 10 V/m	$d = \left[\frac{3.5}{E_1}\right] \sqrt{P}$ 80MHz to 800MHz	2450 2 0.3 28 28 compliance lev 5240 may occur in 1 2450 may occur in 1
Power Consump	tion <6	0mA			for disposal. This	s product is free of	JOYTECH Healthcare Co., Ltd.		1		IEC 61000-4-3 80 MHz to 2.7 GHz	$\lfloor E_1 \rfloor$	5500 0.2 0.3 9 9 following sym
Weight	App	ox.50g	hazardous mater	rials.			No.365, Wuzhou Road, Yuhang Economic Development Zone, Hangzhou City, 311100 Zhejiang, China		1			$d = \left[\frac{7}{E_1}\right] \sqrt{P}$ 800MHz to 2.7GHz	5785
Dimensions	Approx.60mm	*32mm*31.4mm					Please contact us on:	1				$\lfloor E_1 \rfloor$	Note 1: These guidelines may not apply in all situations. Electromagnetic propagation is affected by reflection from structures, objects and people.
	Temperature	5°C ~40°C		Leen F			Email: info@sejoy.com Telephone: +86-571-81957767					where P is the maximum output power rating of the transmitter in watts (W) according to the	WARNINGS!
perating Enviror		15%~93%RH	Icon Explanation			Fax: +86-571-81957750	Fig. 2: Linear regression fit (X axis is SaO2, Y axis is SpO2 for the subject device)			transmitter manufacturer and d is the recommended separation distance in metres(m).	This device should not be used in the vicinity or on the top of other electronic equ cell phone, transceiver or radio control products. If you have to do so, the device sh		
peruting Environ			0 milest	Definition			Ducks to survey of Optimator		74 - 4 4			Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, ^a	 observed to verify normal operation. The use of accessories and power cord other than those specified, with the except
	Pressure	700hPa~1060hPa	Symbol	Definition	Symbol	Definition	Probe Accuracy of Oximeter	1	Statement	of Essential performance		should be less than the compliance level in each frequency range ^b	sold by the manufacturer of the equipment or system as replacement parts for inter components, may result in increased emissions or decreased immunity of the equip system.
	Temperature	-20°C ~55°C	*	Type BF		Attention		· ·		ed on the patient"s finger or simulated finger,		Interference may occur in the vicinity of equipment marked with the following symbol:	system.
Storage Environ	nent Humidity	15%~93%RH		applied part.	l part.	Auchion	Items Descriptions	b) Measurement		es can be displayed normally.		((1:3))	
	Pressure	700hPa~1060hPa		Protected against	0.0.0		Clinical SpO2 accuracy (Arms) (70-80%) ±2%	* Clinical accur	racy of SpO2 (A	Arms): in the range of 70%-100%, $\pm 2\%$;	NOTE 1 A4 90 MHz and 900 MHz the bisher framework		,
gress Protection	Rating I	222	IP22	dripping water.	SpO ₂ %	Oxygen saturation	Clinical SpO2 accuracy (Arms) (80-90%) ± 2%	* Clinical accur 100~240bpm,=		ate (Arms): in the range of 30~100bpm, ±2bpm;	NOTE 1 At 80 MHz and 800 MHz, the higher frequency r		
Classification	1 Internal Powered	Internal Powered Equipment Type BF					Clinical SpO2 accuracy (Arms) (90-100%) ± 2%				NOTE 2 These guidelines may not apply in all situations. I reflection from structures, objects and people. a The ISM (industrial, scientific and medical) bands between 0,15 M		
	Frequency range	2.4GHz(2400~2483.5MHz)	PRbpm	Pulse rate (BPM)	M)	Low power indication	Sterile Non-sterile	Electromagnetic Compatibility Information		a The ISM (industrial, scientific and medical) bands between 0,15 M 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MI amateur radio bands between 0,15 MHz and 80 MHz are 1,8 MHz to	Iz; and 40,66 MHz to 40,70 MHz. The		
	Modulation	GFSK		Alarm inhibit		+	Default settings None	1	The device satisfies the EMC requirements of the international standard IEC 60601-1-2. The		aniateur rauto banks between 0,15 MHz and 80 MHz are 1,6 MHz it to 5,4 MHz, 7 MHz to 7,3 MHz, 10,1 MHz to 10,15 MHz, 14 MHz to 21,0 MHz to 21,4 MHz, 24,89 MHz to 24,99 MHz, 28,0 MHz to 29,	o 14,2 MHz, 18,07 MHz to 18,17 MHz,	
	BT Version		🖄	(Note: This device does not provide any	SN	Serial No.	Reuse Disinfect for repeated use	requirements are satisfied under the conditions described in the table below. The device is an electrical medical product and is subject to special precautionary measures with regard to EMC		b The compliance levels in the ISM frequency bands between 150 kl			
		5.0 BT Signal mode		alarm function) Storage						ctions for use. Portable and mobile HF communications of the unit in conjunction with non-approved accessories can		ions equipment could cause interference if it is inadvertently brought	
etooth commun	Transmit output power	3dBm @ room temperature		temperature and relative		Follow instruction	1.Instructions for the frequency of inspection of the application site for	1		the electromagnetic compatibility. The device should not be the electrical equipment.	recommended separation distance for transmitters in these frequency		
20mmul	Rx sensitivity	97dBm @ 1Mbps mode		humidity		for use	skin integrity :	Table 1		- •	c Field strengths from fixed transmitters, such as base stations for ra radio, AM and FM radio broadcast and TV broadcast cannot be pred	icted theoretically with accuracy. To assess the electromagnetic	
	Supply voltage	1.8V - 3.6V	m l	Date of	EC REP	Authorized	Before each finger is inserted into the oximeter probe, the integrity of the skin should be visually	Gu	idance and manufac	turer's declaration – electromagnetic emission	environment due to fixed RF transmitters, an electromagnetic site su location in which the device is used exceeds the applicable RF comp	liance level above, the device should be observed to verify normal	
	Current consumption	2uA @Sleep Mode 0.7uA @OFF Mode		Manufacture		in the European community	checked to ensure that the skin is free from injury and other conditions.	The device is intended for	r use in the electromagner assure th	tic environment specified below. The customer or the user of the device should hat it is used in such an environment.	operation. If abnormal performance is observed, additional measures		
		5mA @TX mode(0dBm) 5mA @RX mode(0dBm)		European union		Manufacturer's	2.Instructions for the frequency of sensor relocation :	Emissions test	Compliance	Electromagnetic environment – guidance	d Over the frequency range 150 kHz to 80 MHz, field strengths show	u oc iess than 5 V/m.	
e LED Specifi	cations Wavelength	Power Consumption	€ 0123	approval		information	There is no need to replace the blood oxygen sensor within the service	RF emissions CISPR 11	Group 1	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby			
RED	Approx. 660nm	Approx.3.2mW	<u>√~</u>			The Bluetooth® Smart word mark and logos are	life of the product.	RF emissions	Class B	electronic equipment. The device is suitable for use in all establishments, including domestic establishments and			
IR	Approx. 905nm	Approx.2.4mW	X X	Conformity to WEEE Directive	Bluetooth		3.Use during exercise and weak perfusion:	CISPR 11 Harmonic emissions	Not applicable	those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.			
	ate UPDATE period	Less than 12s		TELE DICCUVE		marks by JOYTECH Healthcare Co.,Ltd.	(1) DO NOT move your finger, arm and body during the measurement.	IEC 61000-3-2	. vot appricable	-			
	F		\sim				Movement, including talking, coughing, or sneezing, during measurement, can affect the accuracy of the measurement results.						
			(MR)	MR unsafe	Rx Only	Prescription use	(2) The reading should NOT be considered reliable and accurate in the	Voltage fluctuations / flicker emissions	Not applicable				
							condition of low perfusion during measurement.	IEC 61000-3-3					
						1	condition of fow pertusion during measurement.	11	1		1		