

or extremely low temperature.

affected by absorption and reflection from structures, objects and people.

or events occur. 4. Features

• Fast and easy measurement with high accuracy Excellent adaption to ambient temperature. Accurate and reliable even under complicated surrounding

switch measurement mode Beeper for high temperature • °C/°F reading available Automatic shut off

• Storage of last 10 readings 3 Colors Backlight LCD for easy reading

5. Technical parameters Model

distance

- Measurement

 The materials (ABS) of contact with patient has passed the ISO. 10993-5 and ISO 10993-10 standard test, no toxicity, allergy and irritation reaction. They are compliant with the MDD requirements based on the current science and technology, and other potential allergic reactions are unknown.

• The patient can measure, read data and replace battery under normal circumstances and maintain the device and its accessories according to the user manual. The PATIENT is an intended OPERATOP

Recommendations:

• Don't use this thermometer for other purposes. It is forbidden to leave the product exposed to any chemical. solvent, direct sunshine or high temperature in case of

damaging the product or the battery.

• Do not measure while talking on the phone.

Please report to MANUFACTURER if any unexpected operation

Measurement mode for human body and object available one button to



NOTE	UT is the a.c.	mains voltage prior	to application of the test level.				
	d manufacture MENT AND S		ectromagnetic emission -				
Guidance an	d manufacture	er's declaration -	electromagnetic immunity				
specified below	v. or the user of infr		electromagnetic environment				
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance				
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz 6 V in ISM and amateur radio bands between 0,15 MHz and 80 MHz	N/A 10 V/m 80 MHz to 2.7 GHz 385MHz-5785MHz Test specifications for ENCLOSURE PORT IMUNITY to PORT IMUNITY to PORT IMUNITY to PORT IMUNITY to Seate 9 of I/EC 60601-1-2:2014)	Portable and mobile RF communications equipment should be used no closer to any part of the infrared thermometer, including cables, than the recommended separation distance calculated from the equation applicable to the requency of the transmitter. Recommended separation distance $d = \left[\frac{3.6}{V_{\rm P}}\right] / \overline{\rm p}$				
Radiated RF	10 V/m 80 MHz to 2.7 GHz 385MHz-5785M Hz Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communication equipment (Refer to table 9 of IEC 60601-1-2:2014)		$\begin{split} & d = \left\{ \begin{matrix} \frac{1}{2k} \\ \frac{1}{2k} \end{matrix} \right\} \overline{D}^* \\ d = \left\{ \begin{matrix} \frac{1}{2k} \\ \frac{1}{k} \end{matrix} \right\} \overline{D}^* \\ b = 0 \text{ MHz to BOO MHz} \\ d = \left\{ \begin{matrix} \frac{1}{k} \\ \frac{1}{k} \end{matrix} \right\} \overline{D}^* \\ b = 0 \text{ MHz to 2.7 GHz} \\ \text{where } p is the maximum output power rating of the transmitter in wats (W) according to the intermediate (W) and (W) according to the the conflamon interference may occur in the transmitter in wats (W) according to the following symbol: ((W))) and (W) and (W)$				
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 Stretch by cherreting and reflection form textures, pointer and appeals							

Measuring accuracy(at laboratory conditions)	For forehead temperature ±0.4°F/0.2°C during 93.2°F~107.6°F (34.0°C~42.0°C); ±0.5°F/0.3°C during 107.7°F~109.4°F (42.1°C-43.0°C).		
Resolution	0.1°F/0.1°C		
Working condition	59.0°F~104°F (15°C~40°C) RH-595% Non-condensing "ERR" displays when it's not used under working condition		
Storage condition	-13°F~131°F (-25°C~55°C) RH≤95% Non-condensing		
Power supply	d.c. 3V 2*AAA Batteries		
Power consumption	When off≤10uW		
Power consumption	When measurement≤30mW		
Memory	Storage of last 10 readings		
Display	3 Colors Backlight LCD (red, green, orange)		
Reading scale	Celsius or Fahrenheit		
Automatic shut off	In 30 seconds		
Dimensions	5.4 x 3 x 1.5 in (136 x 76.5 x 38 mm)		
Net weight	0.165 lb/ (75 g)		





The ISM (industrial, scientific and medical) bands between 150 kHz and 80 MHz

are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283

MHz; and 40.66 MHz to 40.70 MHz. The amateur radio bands between 0.15 MHz

and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7

MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17

MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and

. Field strengths from fixed transmitters, such as base stations for rad

(cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM

To assess the electromagnetic environment due to fixed RF transmitters, a

electromagnetic site survey should be considered. If the measured field strength i

he location in which the infrared thermometer is used exceeds the applicable RI

compliance level above, the infrared thermometer should be observed to verify

normal operation. If abnormal performance is observed, additional measures may

Over the frequency range 150 kHz to 80 MHz, field strengths should be less than

RF communications equipment and the EQUIPMENT or SYSTEM -1

Recommended separation distances between

portable and mobile RF communications equipment and the Infrared thermometer

The Infrared thermometer is intended for use in an electromagnetic environment in

which radiated RF disturbances are controlled. The customer or the user of the

Infrared thermometer can help prevent electromagnetic interference by maintaining

a minimum distance between portable and mobile RE communications equipment

d=[12/1/p

0.20

0.63

(transmitters) and the Infrared thermometer as recommended below, according to

Separation distance according to frequency of transmitter

utside ISM and in ISM and amateur 180 MHz to 800 800 MHz to 2.7 GHz

6.32 1.10

0.035

0.11

2.00 0.35 0.70

0.22

2.21

be necessary, such as reorienting or relocating the infrared thermometer.

Recommended separation distances between portable and mobile

e maximum output power of the communications equipment

150 kHz to 80 MHz 150 kHz to 80 MHz

100 12 20.00 35

amateur radio bands radio bands

d=[3.5 √,]∫p

0.12

0.38

1 1.2

10 3.8

adio broadcast and TV broadcast cannot be predicted theoretically with accuracy.

50.0 MHz to 54.0 MHz.

EQUIPMENT and SYSTEMS

output of

Function definition	Icon	Details		
	n	When it is visib l e	The battery is in low level, but the thermometer is still functional properly.Please replace battery asap	
Battery level		When it flashes function propert replace battery is	The battery is exhausted and thermometer can not function properly. Please replace battery immediately	
	Ê	When it is visib l e	Battery power is sufficient. and it functions properly.	
Measurement mode	Human Boo	dy mode		
measurement mode	â	Object mode		
Reading scale	°C	Celsius reading		

°F Fahrenheit reading Reading display Temperature value Femperature value of previou: Memory

8. Function definition of buttons

Buttons	Description	\square	
Mode	To switch measurement mode between human body and object	/ [® MB CQO	
MEM	To track last 10 readings		
C/F	To switch unit of temperature reading	600	

9. Setting

7. Display & icons

User can change reading scale between Celsius and Fahrenheit, and change measurement mode between human body mode and object mode

Measurement mode setting: When thermometer is on, it displays current measurement mode (fig.9.1). Press the "Mode" button to change mode (fig.9.1). Press the "Mode" button to change measurement mode(fig.9.2).

Reading scale setting:

When thermometer is on, it displays current Reading scale. Press the "C/F" button to select reading scale.

(fig.9.1) (fig.9.2)

For transmitters rated at a maximum output power not listed above the ecommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequence ange applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and

15. Two (2) years limited warranty

Two-Year Limited Warranty. This product is warranted to the original purchaser from the original purchase date for two years subject to the warranty coverage described herein.Please retain your receipt.This product is warranted to the original user to be free from defects in material and workmanship. If you believe that the product is defective at any time during the specified warranty period, pls contact Prexiso customer service agent by sending email to info@prexiso-eu.com. This warranty does not cover.(1) Part failure due to normal wear or product abuse:(2) Any parts have been altered or modified by anyone other than an authorized Prexiso personnel or failure to install and operate equipment according to the guidelines put forth in the instruction manual (3) Any products or parts used for rental purposes, damage resulting from shipping (claims must be filed with freighter), accident, abuse, act of God, misuse, or neglect. Prexiso will replace or repair the defective unit, at its option, subject to verification of the defect. Any implied warranties arising from the sale of a Prexiso product, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the above. Prexiso shall not be liable for loss of use of the product or other incidental or consequential damages. expenses, or economic loss, or for any claim of such damage, expenses, or economic oss. This warranty excludes any accessories. This warranty gives you specific legal rights, and you may also have other rights that vary from state.

Manufacturer: Dongguan Simzo Electronic Technology Co.,Ltd. Add: No.81, Tianxin Street, Chongkou, Shijie Town, Dongguan city, Guangdong Province, 523290, P.R.China Tel : +0086 571 81601188 Email : Info@prexiso-eu.com

1.Temperature under human body mode is obtained from dynamic compensation of environmental temp and forehead surface temp.

2. Object temperature mode is to test surface temperature of an object. The temperature get from forehead under this mode is merely temperature of forehead surface but not body temperature.

10.1 Body temperature

- Press measurement button to turn on thermometer and it displays boo screen (fig.10.1). After POST and two beeps, it will display value of last reading and be ready for measurement (fig.10.2)
- Make sure the thermometer is under body mode
- Keep distance at 1.97 to 3.15in from thermometer probe to the middle of forehead (fig.10.3). Press measurement button and then it gives a "beep" to indicate measurement is finished and value will be displayed (fig.10.4). If measurement value exceeds alarm value(Defaulted value is 100.4°F), it gives "beep, beep, beep" as a indication.
- After measurement, if the thermometer is idle for 30 seconds, it will display "OFF" (fig.10.5) and gives a "beep" and shut off automatically.



10.2 Object temperature

- Press measurement button to turn on thermometer (fig.10.6)
- Make sure the thermometer is under object mode. Keep vertical distance at 1.97 to 3.15in from object to measurement probe
- Press measurement button and then it gives a "beep" to indicate measurement is finished and value will be displayed (fig.10.7).
- After measurement, if the thermometer is idle for 30 seconds, it will display "OFF" (fig.10.8) and gives a "beep" and shut off automatically.



1. The value under this mode is object surface temperature instead of core temperature 2.The default value of edinfrared emissivity is 0.95. The reading will deviate from the real temperature because of different emissivity. For example, the reading on stainless steel is obviously lower than real temperature. BE CAUTIOUS FOR SCALDING.