



節亮康復產品有限公司產品手冊

Health Product

Your Smart Health Care Solution Partners
Health care product | Smart home care | Air purification

Health Test Meter

Z3



Ziglite Smart Health Care Products Co., Ltd.





ZIGLITE[®]
HEALTH CARE

Company Profile

公司簡介

ABOUT US 關於我們

Ziglite Smart Health Care Products Co., Ltd. Incorporated in 2018, we work with our partners to bring their products to the local market. Mainly engaged in the management of health care products, the main customers are hospitals and clinics, homes for the elderly and home patients.

We are committed to the development of excellent health care products, dedicated to the needs of a wide range of different customers, get the best care in the family treatment process, and greatly improve the effect of rehabilitation. Get the best care during the family treatment process and greatly improve the healing effect. We will provide quality products with stable quality and stable performance for customers.

We specialize in a wide range of products including: anti-virus and air freshening, incontinence care, mobility aids, decompression supplies, etc.

公司於2018年成立，我們與合作夥伴一起把他們的產品推向本地市場。以經營康護用品為主，主要客戶為醫院及診所，安老院及家居病人等。

我們致力於發展卓越的康護醫療產品，竭誠照顧廣大不同客戶的需要，在家庭治療過程中得到最好的護理，大大提高康復治療效果。在家庭治療過程中得到最好的護理，大大提高康復治療效果。務求為客戶提供品質優越及性能穩定的醫療產品。

我們專營的產品種類繁多，包括：抗病毒及空氣清新，失禁護理，助行用品，減壓用品等。

A infrared thermometer 紅外測溫儀



B blood pressure & oxygen detection 血壓&血氧儀



Principle And Characteristics Of Infrared Temperature Measurement

紅外線測溫原理及特點

Principle Of Infrared Temperature Measurement 紅外線測溫原理

The wavelength of infrared light is between 0.76 and 100 μm, and its position in the continuous spectrum of electromagnetic waves is in the region between radio waves and visible light. Infrared radiation is the most widespread electromagnetic radiation in nature. It is based on the fact that any object will produce its own irregular movement of molecules and atoms in a normal environment, and constantly radiate thermal infrared energy, the movement of molecules and atoms. The more intense, the greater the radiated energy, and vice versa, the smaller the radiated energy.

All objects whose temperature is higher than absolute zero are constantly emitting infrared radiation energy into the surrounding space. The size of the infrared radiation energy of an object and its distribution according to wavelength have a very close relationship with its surface temperature. Therefore, by measuring the infrared energy radiated by the object itself, its surface temperature can be accurately determined, which is the objective basis on which infrared radiation temperature measurement is based.

紅外線的波長在0.76~100μm之間，它在電磁波連續頻譜中的位置是處於無線電波與可見光之間的區域。紅外線輻射是自然界存在的一種最為廣泛的電磁波輻射，它是基於任何物體在常規環境下都會產生自身的分子和原子無規則的運動，並不停地輻射出熱紅外能量，分子和原子的運動愈劇烈，輻射的能量愈大，反之，輻射的能量愈小。

一切温度高于绝对零度的物体都在不停地向周围空间发出红外辐射能量。物体的红外辐射能量的大小及其按波长的分布与它的表面温度有着十分密切的关系。因此，通过对物体自身辐射的红外能量的测量，便能准确地测定它的表面温度，这就是红外辐射测温所依据的客观基础。

Characteristics Of Infrared Thermometer

紅外線測溫儀特點

The infrared thermometer is an instrument that accurately measures the surface temperature of an object by measuring the infrared energy radiated by the object itself. It plays an important role in product quality control and monitoring, equipment online fault diagnosis and safety protection, and energy saving.

In the past 20 years, non-contact infrared human body thermometers have developed rapidly in technology. Compared with contact temperature measurement methods, infrared temperature measurement has the advantages of fast response time, non-contact, safe use and long service life.

红外线测温仪是通过对物体自身辐射的红外能量的测量，准确地测定物体表面温度的仪器。在产品质量控制和监测，设备在线故障诊断和安全保护以及节约能源等方面发挥了着重要作用。

近20年来，非接触红外人体测温仪在技术上得到迅速发展。比起接触式测温方法，红外测温有着响应时间快、非接触、使用安全及使用寿命长等优点。

Advantage 優點

1. Non-contact measurement: It does not need to touch the surface of the measured temperature field, and will not interfere with the state of the measured temperature field, and the thermometer itself is not damaged by the temperature field.
2. Wide measuring range: the thermometer can work under normal temperature or under the conditions allowed by the thermometer.
3. Fast temperature measurement: As long as the infrared radiation of the target is received, the temperature can be fixed in a short time.
4. High accuracy: infrared temperature measurement will not destroy the temperature distribution of the object itself, so the measurement accuracy is high.
5. High sensitivity: As long as there is a slight change in the temperature of the object, the radiation energy will have a large change, which is easy to measure.
6. Safe and long service life.

- 非接觸量測：它不需要接觸到被測溫度場的內部或表面，不會干擾被測溫度場的狀態，測溫儀本身也不受溫度場的損傷。
- 測量範圍廣：因其是非接觸測溫，所以測溫儀並不處在較高或較低的溫度場中，而是工作在正常的溫度或測溫儀允許的條件下。
- 測溫速度快：即響應時間快，只要接收到目標的紅外輻射即可在短時間內定溫。
- 準確度高：紅外測溫不會與接觸式測溫一樣破壞物體本身溫度分佈，因此量測精度高。
- 靈敏度高：只要物體溫度有微小變化，輻射能量就有較大改變，易於測出，可進行微小溫度場的溫度測量。
- 使用安全及使用壽命長。

Use Matters Needing Attention 使用時應注意的問題：

1. It only measures the surface temperature, the infrared thermometer cannot measure the internal temperature.
2. The temperature can not be measured through quartz glass with a wavelength above 5um. The glass has very special reflection and transmission characteristics, and accurate infrared temperature readings are not allowed. But the temperature can be measured through the infrared window. Infrared thermometers are best not used for temperature measurement on bright or polished metal surfaces (stainless steel, aluminum, etc.).
3. To locate the hot spot, to find the hot spot, the instrument aims at the target, and then scans up and down on the target until the hot spot is determined.
4. Pay attention to environmental conditions: steam, dust, smoke, etc. It blocks the optical system of the instrument and affects accurate temperature measurement.

- 1、只测量表面温度，红外测温仪不能测量内部温度。
- 2、波长在5um以上不能透过石英玻璃进行测温，玻璃有很特殊的反射和透过特性，不允许精确红外温度读数。但可通过红外窗口测温。红外测温仪最好不用于光亮的或抛光的金属表面的测温(不锈钢、铝等)。
- 3、定位热点，要发现热点，仪器瞄准目标，然后在目标上作上下扫描运动，直至确定热点。
- 4、注意环境条件：蒸汽、尘土、烟雾等，它阻挡仪器的光学系统而影响精确测温。

Oximeter & Sphygmomanometer

血氧儀&血壓儀

Oximeter

The main measurement indicators of the oximeter are pulse rate, oxygen saturation, and perfusion index (PI). Oxygen saturation (oxygen saturation abbreviated as SpO₂) is one of the important basic data in clinical medicine. Oxygen saturation refers to the percentage of the combined O₂ volume in the total blood volume to the total O₂ volume that can be combined.

血氧儀

血氧儀主要測量指標分別為脈率、血氧飽和度、灌注指數(PI), 血氧飽和度(oxygen saturation簡寫為SpO₂)是臨床醫療上重要的基礎數據之一。血氧飽和度是指在全部血容量中被結合O₂容量佔全部可結合的O₂容量的百分比。

Blood pressure meter

sphygmomanometer is an instrument to measure blood pressure. According to the design principle of blood pressure measurement, it is mainly divided into auscultation sphygmomanometer and oscillograph.

Oscillographic method, also known as oscillation method, obtains the oscillation wave generated in the process of deflation, and obtains the blood pressure value through a certain algorithm. Most electronic sphygmomanometers are designed by Oscillographic principle.

血壓儀

血壓儀是測量血壓的儀器，也叫血壓計。按測量血壓的設計原理來區分主要有聽診法血壓計和示波法血壓計。

示波法又叫振盪法，簡單說就是獲取在放氣過程中產生的振蕩波，通過一定的算法換算得出血壓值。絕大多數的電子血壓計均是採用示波原理來設計的。電子血壓計有上臂式、手腕式、指式之分。

Blood Pressure

血壓

Blood pressure (BP) refers to the lateral pressure acting on the wall of blood vessel per unit area when blood flows in blood vessel, which is the power to promote blood flow in blood vessel. In different blood vessels are called arterial blood pressure, capillary blood pressure and venous blood pressure, usually referred to as the arterial blood pressure of systemic circulation.

Normal blood pressure

The normal range of blood pressure is 90-139mmHg, 60-89mmHg and 30-40mmHg, respectively.

Abnormal blood pressure

(1) Hypertension: under the premise of not using antihypertensive drugs, systolic blood pressure $\geq 140\text{mmHg}$ and / or diastolic blood pressure $\geq 90\text{mmHg}$ in adults over 18 years old.

(2) Hypotension: blood pressure is lower than 90 / 60mmHg.

- 血壓(blood pressure, BP)是指血液在血管內流動時作用於組織面積血管壁的側壓力，它是推動血液在血管內流動的動力。在不同血管內被分別稱為動脈血壓、毛細血管壓和靜脈血壓，通常所說的血壓是指體循環的動脈血壓。
- 正常血壓：正常成人安靜狀態下的血壓範圍較穩定，正常範圍收縮壓90~139mmHg, 舒張壓60~89mmHg, 脈壓30~40mmHg。
- 异常血壓：(1)高血壓：未使用抗高血壓藥的前提下，18歲以上成人收縮壓 $\geq 140\text{mmHg}$ 和(或)舒張壓 $\geq 90\text{mmHg}$ 。(2)低血壓：血壓低於90/60mmHg。

Pulse Rate 脈率

Pulse refers to the pulse of superficial artery. The pulse and heartbeat of normal people are the same.

Heart rate is the frequency of the heart beat, generally between 60-90 times per minute. But people in the case of exercise and tension, there will be rapid heartbeat.

Pulse rate is the number of pulses per minute.

Under normal circumstances, pulse rate and heart rate are consistent. When atrial fibrillation or frequent premature contractions occur, pulse rate is less than heart rate.

脈搏就是指淺錶動脈的搏動，正常人的脈搏和心跳是一致的。

心率是心臟跳動的頻率，一般人在每分鐘60--90次之間，但是人在運動和緊張等情況下，會出現心跳加快的情況。

脈率是每分鐘的脈搏數。

正常情況下脈率和心率是一致的，當房顫或頻發期前收縮時脈率較心率少。

Oxygen Saturation 血氧飽和度

Oxygen saturation (SO_2) is one of the important basic data in clinical medicine.

The oxygen consumed by human body mainly comes from hemoglobin (there are four kinds of hemoglobin in normal blood: oxygenated hemoglobin (HBO_2), reduced hemoglobin (HB), carboxyhemoglobin (COHb), methemoglobin (MetHb). Among them, reductive hemoglobin is reversibly bound with oxygen, while carboxyhemoglobin and methemoglobin are not bound with oxygen.) The oxygen it carries. It is usually called oxygen content in blood, which refers to the amount of oxygenated hemoglobin in blood. Oxygen saturation is used to describe the change of oxygen content in blood.

Blood oxygen saturation refers to the percentage of the combined O_2 volume in the total blood volume.

The oxygen saturation of arterial blood is 98% and that of venous blood is 75%.

It is generally considered that the normal value of blood oxygen saturation should not be less than 94%, and below 94% is considered as insufficient oxygen supply.

- 血氧飽和度(oxygen saturation簡寫為 SO_2)是臨床醫療上重要的基礎數據之一。
- 人體所消耗的氧主要來源於血紅蛋白(在正常的血液中存在四種血紅蛋白：氧合血紅蛋白(HbO_2)、還原血紅蛋白(Hb)、碳氧血紅蛋白(CoHb)、高鐵血紅蛋白(MetHb)。其中與氧氣做可逆性結合的是還原血紅蛋白，與氧氣不相結合的是碳氧血紅蛋白和高鐵血紅蛋白。)所攜帶的氧。通常稱血液中氧含量即指血液中氧合血紅蛋白的多少，用血氧飽和度這個物理量來描述血液中氧含量的變化。
- 血氧飽和度是指在全部血容量中被結合 O_2 容量占全部可結合的 O_2 容量的百分比。
- 正常人體動脈血的血氧飽和度為98%，靜脈血為75%。
- 它是反映機體內氧狀況的重要名額，一般認為血氧飽和度正常值應不低於94%，在94%以下被視為供氧不足。

Perfusion Index 灌注指數(PI)

PI refers to the perfusion index (PI), which reflects the pulsatile blood flow, that is, the ability of blood perfusion. The larger the pulsating blood flow is, the more pulsating components are and the greater the PI value is. Therefore, the measurement site (skin, nail, bone, etc.) and the patient's own blood perfusion (arterial blood flow) will affect the PI value. Because sympathetic nerve can affect heart rate and arterial blood pressure (affect pulse and arterial blood flow), the nervous regulatory system or mental state of human body can also indirectly affect PI value. Therefore, the PI value will be different under different anesthesia conditions.

Moreover, through the display of PI, it can also show the physical condition of the tested person, that is, when there is hypoperfusion, it can show whether the tested person has its own causes, such as heart problems, shock, etc., and it can also reflect whether there are external factors, such as cold weather, poor peripheral circulation, etc., so as to judge by the above conditions!

PI是指血流灌注指數(Perfusion Index, PI), PI值反映了脈動血流情況，即反映了血流灌注能力。脈動的血流越大，脈動分量就越多，PI值就越大。因此，量測部位(皮膚、指甲、骨骼等影響)和病人本身的血流灌注情況(動脈血液的流動情況)都將影響PI值。由於交感神經會影響心率和動脈血壓(影響脈搏動脈血流)，所以人體的神經調節系統或精神狀態也會間接影響PI值。因而，不同麻醉的狀態下，其PI值也會不同。

而且，通過PI的顯示，還能表明被檢測者本身的肢體狀況問題，即當出現低灌注時，表明被檢測者是否有其本身原因造成的如心臟問題、休克等情況，同時也能反映出是否有外部因素等造成的原因如天冷、末梢迴圈較差等情況，從而通過以上情況來進行判斷！

Infrared Thermometer

紅外線測溫儀



Non-Contact Infrared Thermometer

非接觸式紅外線體溫槍

Model: FAA

Features:

- Human body recommended temperature measurement location: Forehead, armpit, back, palm
- Fast non-contact infrared measurement only 0.5 seconds for rapid measurement
- Without using the thermometer, after 15s, Automatic shutdown, saving electricity and worry
- Multiple sets of memory values can be recalled at any time easily grasp changes in body temperature

- 人體推薦測溫位置：前額、腋窩、背部、手掌
- 快速非接觸紅外量測0.5秒，快速量測
- 15秒不使用溫度計，自動關機，省心省電
- 多組記憶值可隨時記憶，輕鬆掌握體溫變化



Specifications

Product model 產品型號	FAA
Product function 產品功能	measure body / ambient temperature 測量體溫/環境溫度
Material 材質	ABS
Measuring range 測溫範圍	Body temperature: 32 ~ 43 °C Ambient temperature: 0 ~ 100 °C 身體溫度: 32~43°C 環境溫度: 0~100°C
Accuracy 精度	±0.2°C
Measuring distance 測量距離	1-10cm
Measuring time 測量時間	0.5s
Battery 電池	battery AAA* 2 2x7乾電池
Size 尺寸	14.9 * 9.5 * 4cm
Weight 重量	100g

Instructions

測溫位置：前額、腋窩、背部、手掌。

注意事項：

* 安裝電池時，請注意電池正負極

* 人體測溫模式在額頭上測量，不可與人體皮膚接觸，數據會不準確

Non Contact Infrared Automatic Thermometer

非接觸式紅外線自動溫度計

Model: FAB

Features:

- 2 seconds temperature measurement, non-contact automatic induction
- Non-contact precise measurement, accuracy: $\pm 0.2^{\circ}\text{C}$ (0.4°F)
- Green display: qualified, red display: alarm failed, high temperature alarm
- Quick installation, support magnetic, wall-mounted, and tripod installation

- 2秒測溫，非接觸式自動感應
- 非接觸式精准測量，精度： $\pm 0.2^{\circ}\text{C}$ (0.4°F)
- 綠色顯示：合格，紅色顯示：警報不合格，高溫警報
- 快捷安裝，支持磁吸、掛牆、三腳架安裝



Specifications

Product model 產品型號	FAB
Product function 產品功能	measuring human body temperature 測量人體體溫
Measuring range 測量範圍	32°C-42°C(89.6°F-107.6°F)
Accuracy 精度	$\pm 0.2^{\circ}\text{C}$ (0.4°F)
Measuring distance 測量距離	3 - 15cm
Measureing time 測量時間	$\leq 2\text{s}$
Ambient temperature 環境溫度	0~40°C
Battery 電池	batteries AAA*3 3節7號電池
Size 尺寸	10.8 * 8 * 2.8cm
Weight 重量	90.5g

- Can be matched with triangle bracket according to customer needs
可根據客戶需要搭配三角支架

Instructions

- ◆ 裝上3節7號電池後即進入正常開機工作狀態，將手或額頭伸到距機器探頭5-15cm的距離，停留2s左右聽到“嘀”一聲後測溫結束。
- ◆ 按鍵：
 - 1) 開關鍵：長按關閉/打開紅外探測，關閉測溫儀；再次短按喚醒測溫儀，長按回到能自動測體溫模式
 - 2) M鍵：短按°C/F溫度切換，長按蜂鳴器打開/關閉
 - 3) + : 向上翻閱記憶溫度
 - 4) - : 向下翻閱記憶溫度 最多記錄32組數據

注意事項：

- ◆ 請不要在觸摸紅外探頭時測試，數據會不準確。
- ◆ 安全條款不要放置於高溫高濕環境地方，不要給兒童玩耍。

Non Contact Infrared Forehead Thermometer

非接觸式紅外線額頭測溫儀

Model: FAC

Features:

- 0.8-inch high-brightness 3-digit digital tube display;
- Infrared sensor, high precision, supports outdoor measurement
- Support the switch of the test temperature unit of the back cover setting ($^{\circ}\text{C}$ & $^{\circ}\text{F}$)
- Three fixing methods of wall hanging, bracket and pasting
- 0.8英寸高亮3位數碼管顯示幕
- 紅外感測器，精度高，支持室外測量
- 支持後蓋設置測試溫度單位切換($^{\circ}\text{C}$ & $^{\circ}\text{F}$)
- 壁掛，支架，粘貼三種固定方式



Specifications

Product model 產品型號	FAC
Product function 產品功能	measuring human body temperature 測量人體體溫
Product material 產品材質	ABS757 medical grade plastic ABS757醫療級塑膠
Measuring range 測量範圍	32.0 $^{\circ}\text{C}$ -42.9 $^{\circ}\text{C}$
Fast induction 快速感應	50ms
Product color 產品顏色	white body + black bottom shell 白色機身+黑色底殼
Rated voltage 額定電壓	5v
Power supply mode 供電方式	USB supply USB 供電
Standby time 待機時間	7 days 7天
Size 尺寸	16.8 * 11.2 * 13cm
Weight 重量	263.5g

- Can be matched with triangle bracket according to customer needs
可根據客戶需要搭配三角支架

Instructions

- ◆ 接通電源，打開電源開關，單擊“SET”按鈕語言模式，單擊“ $^{\circ}\text{C}/^{\circ}\text{F}$ ”按鈕轉換攝氏度或華氏度數據顯示。、
- ◆ 距離紅外線探測頭3-5釐米測量體溫
- ◆ 綠色顯示正常，紅色顯示異常並高溫警報

注意事項：

- ◆ 請不要在觸摸紅外探頭時測試，數據會不準確。
- ◆ 安全條款不要放置於高溫高濕環境地方，不要給兒童玩耍。

Non-contact Infrared Forehead Thermometer

非接觸紅外線額溫槍

Model: FAH

Features:

- Recommended temperature measurement parts of the human body: forehead, armpit, back, palm
- Fast non-contact infrared measurement 0.5 seconds fast measurement
- Without a thermometer, it will automatically shut down after 15 seconds, saving power and worry
- Multiple sets of memory values can be recalled at any time, easy to grasp changes in body temperature
- 人體推薦測溫部位：額頭、腋窩、背部、手掌
- 快速非接觸紅外測量0.5秒快速測量
- 不用溫度計，15秒後自動關機，省電省心
- 多組記憶值可隨時回憶，輕鬆掌握體溫變化



Specifications

Product model 產品型號	FAH
Product function 產品功能	measure body / ambient temperature 測量體溫/環境溫度
Product material 產品材質	ABS
Ambient temp and humidity 環境溫度濕度	10~40°C, humidity 15%-85% 10~40°C, 濕度15%-85%
Accuracy 精度	±0.2°C
Measuring distance 測量距離	3-5cm
Measuring time 測量時間	0.5s
Measuring range 電源	batteries AAA*2 2x7號乾電池
Size 尺寸	16*4*4cm
Weight 重量	92g



Instructions

◆ 測溫：

打開電源，默認螢幕上方的測量模式為體溫模式

將溫度計探頭對準額頭中間，測試距離約3-5釐米，按測量鍵，1秒後“嗶”一聲，顯示測量值，溫度警告，則發出五聲“嗶”的警吶聲

◆ 設置：

短按“MODE”鍵，切換室溫/體溫模式

長按“MODE”鍵2秒進入系統設置，螢幕顯示F1
(F1-溫度單位設置，F2-溫度報警點設置，F3-溫度偏移設置，
F4-警告音開/關設置)

注意事項：

◆ 請不要在觸摸紅外探頭時測試，數據會不精准。

Mini-held Forehead Thermometer

迷你手持額溫槍

Model: FBD

Features:

- One-button temperature measurement, contactless
- Infrared sensor, high precision, supporting outdoor measurement
- LED screen, clear display, clear measurement results, easy reading at night
- Automatic shutdown design: automatic shutdown without operation, energy saving and environmental protection

- 一鍵測溫，免接觸式
- 紅外感測器，精度高，支持室外測量
- LED大屏，清晰顯示，測量結果一目了然，夜晚也可輕鬆讀數
- 自動關機設計：無操作自動關機，節能環保



Specifications

Product model 產品型號	FBD
Product function 產品功能	measuring human body temperature 測量人體體溫
Product material 產品材質	PP+PC+不銹鋼
Measuring range 測量範圍	32-42°C
Measurement time 測量時間	約1秒
Product color 產品顏色	white 白色
Measuring distance 測量距離	1-5cm
Size 尺寸	12.4*2.9*2.4cm
Weight 重量	47g

Instructions

- ◆ 接通電源，打開電源開關，單擊“SET”按鈕語言模式，單擊“°C/°F”按鈕轉換攝氏度或華氏度數據顯示。
- ◆ 距離紅外線探測頭3-5釐米測量體溫
- ◆ 綠色顯示正常，紅色顯示異常並高溫警報

注意事項：

- ◆ 請不要在觸摸紅外探頭時測試，數據會不準確。
- ◆ 安全條款不要放置於高溫高濕環境地方，不要給兒童玩耍。

Blood Pressure & Oxygen Detection

血壓&血氧檢測



Clip Finger Pulse Oximeter

夾指式脈搏血氧儀

Model: FAN

Features:

- Small and light, one key measurement, simple operation and less worry
 - Silicone finger mold is soft and comfortable, does not oppress finger tips, and the blood flow is more unobstructed
 - Gently press the switch button to adjust the 4-direction display, and the reading is clearer
 - Applicable to family, oxygen bar, sports health care (used before and after sports, not recommended during sports), etc
-
- 小巧輕便一鍵測量，操作簡單，使用更省心
 - 矽膠指模，柔軟舒適，不壓迫手指末梢，血流更通暢
 - 輕按開關按鍵調節4方向顯示，讀數更清晰
 - 適用於家庭、氧吧、運動保健（在運動前後使用，不建議在運動過程中使用）等範圍



Specifications

Product Model 產品型號	FAN
Product Function 產品功能	blood oxygen, heart rate and pulse test 血氧、心率脈搏測試
Product Material 產品材質	ABS, TFT Lcd display ABS,TFT 液晶屏顯示
Measuring Range 血氧測量範圍 (SPO ₂)	100% ≤ normal ≤ 94% ≤ insufficient oxygen supply 70~100% (±2%)
脈搏測量範圍 (PR)	60bpm ≤ normal ≤ 90bpm 30~240bpm (±2bpm)
血流灌注指數 (PI)	the greater the pulsating blood flow, the greater the pi value 脈動的血流越大，pi值就越大
Power Supply 電源方式	AAA batteries *2 AAA電池*2
Product Size 產品尺寸	5.7*3.3*3.2cm
Product Weight 產品重量	27g

Instructions

- 一鍵開機: 一鍵開機功能，操作簡單
 - 正確測量是將指甲蓋這面向上放置於血氧儀的測試位置，打開開關血壓儀將自動測試並顯示結果
 - 開機後，長按開關機3-5秒可進入設置菜單，找到你需要設置的菜單長按3秒左右即可自己設置
- ◆ 注意事項:
- 當你的手指進入血氧儀時，你的指甲表面必須向上（每次測試前請用酒精清洗橡膠，測試前後請用酒精清洗被測手指）
 - 此產品不適合作為病人的持續監護使用
 - 當電量低時應及時換上電池，避免影響正常使用

Clip Finger Pulse Oximeter

白色夾指式血氧測量儀

Model: FAO

Features:

- Small and light, one key measurement, simple operation and less worry
- Silicone finger mold, soft and comfortable, does not compress finger tips, and the blood flow is more smooth
- Gently press the switch button to adjust the 4-direction display, and the reading is clearer
- Applicable to family, oxygen bar, sports health care (used before and after sports, not recommended during sports), etc
- 小巧輕便一鍵測量，操作簡單，使用更省心
- 矽膠指模，柔軟舒適，不壓迫手指末梢，血流更通暢
- 輕按開關按鍵調節4方向顯示，讀數更清晰
- 適用於家庭、氧吧、運動保健（在運動前後使用，不建議在運動過程中使用）等範圍



Specifications

Product Model 產品型號	FAO
Product Function 產品功能	blood oxygen, heart rate and pulse test 血氧、心率脈搏測試
Product Material 產品材質	ABS, TFT LCD display ABS, TFT 液晶屏顯示
Measuring Range 血氧測量範圍 (SPO ₂)	100% ≤ normal ≤ 94% ≤ insufficient oxygen supply 70%-99% (±2%)
Pulse Measurement Range (PR)	60bpm ≤ normal ≤ 90bpm 50~200bpm (±1%)
Blood Flow Index (PI)	the greater the pulsating blood flow, the greater the pi value 脈動的血流越大，pi值就越大
Power Supply 電源方式	AAA batteries *2 AAA 電池*2
Product Size 產品尺寸	6 *3.5*3.7cm
Product Weight 產品重量	35.5g

Instructions

- 按照正負裝入兩節AAA電池並扣上電池蓋
- 將手指放入橡膠空道，指甲朝上，然後鬆開夾子
- 按下麵板上按鈕啟動血氧儀，進行血氧檢測
- 測試過程中如果想改變顯示方向，可按測量鍵切換，四個方向循環切換
- 無信號產生儀器會進入待機睡眠狀態
- 注意事項：
 - 此產品不適合作為病人的持續監護使用
 - 當電量低時應及時換上電池，只能更換為‘AAA’型電池
 - 請不要讓血壓計本體進水，請勿使用汽油、揮發油、稀釋劑等進行擦拭

Finger Clip Oximeter - Gem

手指夾式血氧儀-寶石款

Model: FAP

Features:

- Gem oximeter is cute, small and beautiful
- Small and light, one key measurement, simple operation, more worry free use
- 130 ° viewing angle, 4-color display, TFT LCD color screen, clearer reading
- Energy saving and environmental protection, automatic shutdown, ultra long standby, can be used continuously for a long time
- Silicone finger mold, comfortable to use, good fit, soft and comfortable without pressing fingers
- Applicable to family, oxygen bar, sports health care (used before and after sports, not recommended during sports), etc
- 寶石款血氧儀可愛，小巧，美觀
- 小巧輕便一鍵測量，操作簡單使用更省心
- 130°可視角4色顯示TFT液晶彩屏讀數更清晰
- 節能環保，自動關機，超長待機可長時間連續使用
- 硅膠指模，使用舒適貼合性好柔軟舒適不壓手指
- 適用於家庭、氧吧、運動保健（在運動前後使用，不建議在運動過程中使用）等範圍



Specifications

Product Model 產品型號	FAP
Product Function 產品功能	blood oxygen, heart rate and pulse test 血氧、心率脈搏測試
Product Material 產品材質	ABS,LCD display ABS,液晶屏顯示
Measuring Range 血氧測量範圍(SPO ₂)	100% ≤ normal ≤ 94% ≤ insufficient oxygen supply 70%-99% (±2%)
Pulse Measurement Range (PR)	60bpm ≤ normal ≤ 90bpm 30~240bpm (±1%)
Blood Flow Index (PI)	the greater the pulsating blood flow, the greater the pi value 脈動的血流越大，pi值就越大
Power Supply 電源方式	AAA batteries *2 AAA電池*2
Product Size 產品尺寸	5.7*3.1*3.2cm
Product Weight 產品重量	28.39g

Instructions

- ◆ 按照正負裝入兩節AAA電池並扣上電池蓋
- ◆ 將手指放入橡膠空道,指甲朝上,然後鬆開夾子
- ◆ 按下麵板上按鈕啟動血氧儀,進行血氧檢測
- ◆ 測試過程中如果想改變顯示方向,可按測量鍵切換,四個方向循環切換
- ◆ 無信號產生儀器會進入待機睡眠狀態
- ◆ 注意事項:
 - 1)此產品不適合作為病人的持續監護使用。
 - 2)當電量低時應及時換上電池,只能更換為‘AAA’型電池
 - 3)請不要讓血壓計本體進水,請勿使用汽油、揮發油、稀釋劑等進行擦拭

Children's style - Clip finger oximeter

兒童款-夾指式血氧儀

Model: FAV

Features:

- Small and light, one key measurement, simple operation and less worry
- Designed for children: fit children's fingers, silicone finger pad, soft and comfortable
- Gently press the switch button to adjust the 2-direction display, and the reading is clearer
- Suitable for children aged 3-14 with finger diameter of 8 ~ 25.4mm
- 小巧輕便一鍵測量，操作簡單，使用更省心
- 專為兒童設計：貼合兒童手指，矽膠指墊，柔軟舒適
- 輕按開關按鍵調節2方向顯示，讀數更清晰
- 適用於手指直徑8~25.4mm的3-14週歲兒童



Specifications

Product Model 產品型號	FAV
Product Function 產品功能	blood oxygen, heart rate and pulse test 血氧、心率脈搏測試
Product Material 產品材質	ABS, TFT LCD display ABS, TFT 液晶屏顯示
Measuring Range 血氧測量範圍 (SPO ₂)	100% ≤ normal ≤ 94% ≤ insufficient oxygen supply 70%-99% (±2%)
Pulse measurement range (PR)	30BMP~240BMP (±1%)
Blood flow index (PI)	the greater the pulsating blood flow, the greater the pi value 脈動的血流越大，pi值就越大
Power Supply 電源方式	Built in 200mA battery, USB charging 內置200MA電池，USB充電
Product Size 產品尺寸	4.5*2.8*2.8cm
Product Weight 產品重量	35g

Instructions

- 按照正負裝入兩節AAA電池並扣上電池蓋
- 將手指放入橡膠空道，指甲朝上，然後鬆開夾子
- 按下麵板上按鈕啟動血氧儀，進行血氧檢測
- 測試過程中如果想改變顯示方向，可按測量鍵切換，四個方向循環切換
- 無信號產生儀器會進入待機睡眠狀態
- 注意事項：
 - 此產品不適合作為病人的持續監護使用
 - 當電量低時應及時充電
 - 請不要讓血壓計本體進水

Finger Type Oximeter With Bluetooth

夾指式血氧儀-帶藍牙

Model: FAZ

Features:

- Voice broadcast, HD screen display, convenient reading
- Heart rate monitors blood pressure while monitoring heart rate and irregular display of pulse interval
- Bluetooth connection, APP shows the health status of the tester in real time

- 語音播報，高清屏幕顯示，讀數方便
- 心率監測血壓的同時對心率進行監測脈搏間隔不規律顯示
- 藍牙連結，APP實時顯示測試者健康狀況



Specifications

Product Model 產品型號	FAZ
Product Function 產品功能	blood oxygen, heart rate and pulse test 血氧、心率脈搏測試
Product Material 產品材質	PVC, TFT LCD display PVC,TFT液晶屏顯示
Measuring Range 血氧測量範圍 (SPO ₂)	100% ≤ normal ≤ 94% ≤ insufficient oxygen supply 70%-99% (±2%)
脈搏測量範圍 (PR)	60bpm ≤ normal ≤ 90bpm 30~240bpm (±1%)
血流灌注指數 (PI)	the greater the pulsating blood flow, the greater the pi value 脈動的血流越大，pi值就越大
Power Supply 電源方式	AAA batteries *2 AAA電池*2
Product Size 產品尺寸	5.8*3.1*3.1cm
Product Weight 產品重量	43g

Instructions

- ◆ 把血壓計按照指示套在手腕處，按啟動鍵即可自動充氣測試
- ◆ 測試時請一定將手腕放於脈搏處並齊放於心臟同等高度
- ◆ 開始/停止鍵：
 - 1) 在睡眠狀態下，短按進入自動測量模式（其他狀態下，短按即關機）
 - 2) 在睡眠狀態下，長按10秒可進入mmHg或Kpa單位選擇模式
- ◆ “M”記憶鍵：
 - 1) 在睡眠狀態下，短按進入記憶查詢模式，并做上翻鍵
 - 2) 在記憶查詢模式下，長按3秒刪除所有當前用戶記憶資料

注意事項：

- ◆ 露出手臂或貼身薄衣進行測量，（註：保持腕帶中心和心臟部位同一高度）
- ◆ 測量時腕帶不宜纏繞太緊，請勿持久過分充氣，否則可能會造成手臂急性內出血
- ◆ 使用時請遠離帶有干擾的物品，以免受到干擾導致數據不正確
- ◆ 請不要讓血壓計本體進水，請勿使用汽油、揮發油、稀釋劑等進行擦拭

Home Wrist Electronic Sphygmomanometer

家用腕式電子血壓計

Model: FL

Features:

- Voice broadcast, high-definition screen display, one person can operate independently; easy to read
- Large-capacity storage of 99 groups of double memories, automatic storage of daily measurement results
- Monitor the heart rate while measuring blood pressure and irregular pulse interval display
- The wrist type is small and portable, the storage box is convenient to carry; the operation is simple, no need to undress
- 語音播報, 高清屏幕顯示, 讀數方便
- 大容量儲存99組雙人記憶, 自動儲存每天測量結果
- 心率監測血壓的同時對心率進行監測脈搏間隔不規律顯示
- 腕式小巧便攜, 收納盒方便攜帶;操作簡單, 無需脫衣



Specifications

Product Model 產品型號	FL
Product Function 產品功能	blood pressure and pulse test 血壓脈搏測試
Product Material 產品材質	ABS
Measuring Range 測量範圍	blood pressure: 0kpa-37.3pa (0-280)mmhg heart rate: (40 - 195)beats / min 血壓:0kpa-37.3-280 mmhg 心率:40次/min-195次/min
Accuracy 準確度	blood pressure: ± 3 mmhg pulsation rate value:± within 5% 血壓:±3mmhg脈動率值:±5%以內
Measurement Method 測量方式	oscillograph, full automatic pressurization / decompression / fast exhaust 示波器, 全自動增壓/減壓/快速排氣
Power Supply 電源方式	AAA batteries *4 AAA電池 *4
Product Size 產品尺寸	7*8*8cm
Product Weight 產品重量	134g(不含電池)

Instructions

- 把血壓計按照指示套在手腕處，按啟動鍵即可自動充氣測試
- 測試時請一定將手腕放於脈搏處並齊放於心臟同等高度
- 開始/停止鍵:
 - 在睡眠狀態下，短按進入自動測量模式（其他狀態下，短按即關機）
 - 在睡眠狀態下，長按10秒可進入mmHg或Kpa單位選擇模式
- “M”記憶鍵:
 - 在睡眠狀態下，短按進入記憶查詢模式，并做上翻鍵
 - 在記憶查詢模式下，長按3秒刪除所有當前用戶記憶資料

注意事項:

- 露出手臂或貼身薄衣進行測量，（註：保持腕帶中心和心臟部位同一高度）
- 測量時腕帶不宜纏繞太緊，請勿持久過分充氣，否則可能會造成手臂急性內出血
- 使用時請遠離帶有干擾的物品，以免受到干擾導致數據不正確
- 請不要讓血壓計本體進水，請勿使用汽油、揮發油、稀釋劑等進行擦拭

Automatic Arm Type Electronic Sphygmomanometer

全自動手臂式電子血壓計

Model: FK

Features:

- Voice broadcast, HD screen display
- Accurately judge the thickness of the arm, press and adjust with one key
- The maximum storage is 99 pairs of double memory, and the results are stored automatically
- Heart rate monitors blood pressure while monitoring irregular pulse
- Dual power supply mode, simple to wear and easy to measure

- 語音播報, 高清屏幕顯示; 讀數方便
- 手臂式加壓科技準確判斷手臂粗細, 一鍵自動加壓、調節
- 大容量儲存99組雙人記憶, 自動儲存每天測量結果
- 心率監測血壓的同時對心率進行監測脈搏間隔不規律顯示
- 雙供電模式, 可用四節七號電池供電, 也可用USB插電使用
- 簡單佩戴、輕鬆量測, 符合上臂的粗細走向均勻受力, 舒適測壓體驗



Specifications

Product model 產品型號	FK
Product function 產品功能	blood pressure and pulse test 血壓脈搏測試
Product Material 產品材質	ABS
measuring range 測量範圍	blood pressure: 0kpa-37.3pa (0-280)mmhg heart rate: (40 – 195)beats / min 血壓:0kpa-37.3-280 mmhg 心率:40次/min--195次/min
Accuracy 準確度	blood pressure: ± 3 mmhg pulsation rate value:± within 5% 血壓:±3mmhg脈動率值:±5%以內
Measurement method 測量方式	oscillograph, full automatic pressurization / decompression / fast exhaust 示波器, 全自動增壓/減壓/快速排氣
Power supply 電源方式	AAA batteries *4/USB AAA電池 *4/USB
Product size 產品尺寸	12*8.5*6cm
Product weight 產品重量	345g(不含電池)

Instructions

- ◆ 將臂帶的空氣插孔插入本機空氣管插孔
- ◆ 臂帶拉過金屬配件, 反釦後粘在臂帶上
- ◆ 在睡眠狀態下, 短按進入自動測量模式(短按即關機), 長按10秒可進入mmHg或Kpa單位選擇模式
- ◆ “M”記憶鍵, 短按進入記憶查詢模式下, 長按3秒刪除記憶資料
- ◆ “S”設置鍵, 短按查詢當前時間和用戶, 長按3秒進入時間設置
- ◆ “U”用戶鍵, 在記憶查詢狀態下, 短按切換用戶的記憶查詢

注意事項:

- ◆ 露出手臂或貼身薄衣進行測量, (註:保持臂帶中心和心臟部位同一高度)
- ◆ 測量時臂帶不宜纏繞太緊, 請勿持久過分充氣, 否則可能會造成手臂急性內出血
- ◆ 使用時請遠離帶有干擾的物品, 以免受到干擾導致數據不正確
- ◆ 請不要讓血壓計本體進水, 請勿使用汽油、揮發油、稀釋劑等進行擦拭
- ◆ 請勿弄濕臂帶, 更不能清洗臂帶

Automatic Arm Type Electronic Sphygmomanometer

全自動手臂式電子血壓計

Model: FAM

Features:

- Wireless sphygmomanometer, blood pressure, heart rate detection
- The data of two users can be recorded at the same time, and each user can record 90 groups of measurement results
- Three-color backlight: according to the measurement results, normal-green, high-orange, severe-red color warning
- Comfortable armband, silent air pump, one key measurement, simple and convenient operation
- USB charging wireless blood pressure monitor, blood pressure, heart rate detection
- Can record data for two users simultaneously, each user can store 90 sets of measurement results
- Three-color backlight: according to the measurement results, normal-green, high-orange, severe-red color warning
- Convenient and comfortable arm band, silent air pump, one key measurement, simple and convenient operation



Specifications

Product Model 產品型號	FAM
Product Function 產品功能	blood pressure and pulse test 血壓 脈搏測試
Product Material 產品材質	ABS
Measuring Range 測量範圍	blood pressure: (0-280) mmhg pulse rate: (40-200) times/min 血壓: (0-280) mmhg 脈衝率: (40-200) 次/分鐘
Accuracy 準確度	blood pressure: ± 3 mmhg pulse rate value: 5% of the measured data 血壓: ± 3 mmhg以內, 脈衝率值: 測量數據的5%
Measurement Method 測量方式	oscillograph, full automatic pressurization / decompression / fast exhaust 示波器,全自動增壓/減壓/快速排氣
Arm circumference 臂圍	22-32cm
Product Size 產品尺寸	13*10*7cm
Product Weight 產品重量	313g

Instructions

- 將臂帶的空氣插孔插入本機空氣管插孔,同時固定臂帶在手臂
- 開始/停止鍵: 進入自動測量模式/單位選擇模式
- “M”記憶鍵: 記憶查詢模式/記憶刪除
- “S”設置鍵: 查詢當前時間及用戶,長按3秒進入時間模式設置
- “U”用戶鍵: 切換選擇用戶/切換用戶的記憶查詢

注意事項:

- 臂帶的加壓請控制在299mm Hg以內
- 患有嚴重血液迴圈障礙請在醫生的指導下使用
- 本產品僅用於測量人體血壓
- 請務必使用專用臂帶
- 請勿自行拆卸或修理、改造血壓計的本體和臂帶

Arm Type Electronic Sphygmomanometer

臂式電子血壓測量儀

Model: FBC

Features:

- Arm type pressurization, one button automatic pressurization, simple to wear, easy to measure
- Voice broadcast, high-definition screen display, convenient reading
- Monitor heart rate while measuring blood pressure
- 手臂式加壓，一鍵自動加壓，簡單佩戴、輕鬆量測
- 語音播報，高清屏幕顯示，讀數方便
- 在測血壓的同時對心率進行監測



Specifications

Product model 產品型號	FBC
Product function 產品功能	blood pressure and pulse test 血壓脈搏測試
Product Material 產品材質	ABS+PC
measuring range 測量範圍	血壓 blood pressure: 0-37.3kPa (0-280)mmHg 心率 heart rate: (40 -- 195)beats / min
Accuracy 準確度	血壓 blood pressure: ± 3 mmHg 脈動率值 pulsation rate value: ± 5%
Power supply 電源方式	AAA batteries *4/USB AAA *4/USB
Product size 產品尺寸	12*8.5*6cm
Product weight 產品重量	334g (不含電池)

Instructions

- ◆ 將臂帶的空氣插孔插入本機空氣管插孔
- ◆ 將左臂或右臂穿入臂帶，將臂帶向外拉，同時固定臂帶的位置
- ◆ 臂帶拉過金屬配件，反鉤後粘在臂帶上
- ◆ 將主機通電，單擊開關鍵開始測量

注意事項：

- ◆ 露出手臂或貼身薄衣進行測量，(註：保持臂帶中心和心臟部位同一高度)
- ◆ 測量時臂帶不宜纏繞太緊，請勿持久過分充氣，否則可能會造成手臂急性內出血
- ◆ 使用時請遠離帶有干擾的物品，以免受到干擾導致數據不正確
- ◆ 請不要讓血壓計本體進水，請勿使用汽油、揮發油、稀釋劑等進行擦拭
- ◆ 請勿弄濕臂帶，更不能清洗臂帶

Blood Glucose Tester Set

血糖測試儀套裝(采血紙/采血針頭)

Model: FJ

Features:

- Micro blood sampling, blood sugar value is not affected by maltose, galactose, etc.
- Direct measurement, insert the strip and use it immediately, reduce measurement error, and better detect blood sugar
- High-definition screen display value, fast detection speed
- Five gears of the blood collection pen can be adjusted, and different gears can be adjusted according to different strengths
- The product uses battery life, long use time, automatic shutdown without operation
- 微量採血，血糖值不受麥芽糖、半乳糖等影響。
- 直接測量，即插即用，減少測量誤差，更好的檢測血糖
- 高清屏幕顯示值，檢測速度快
- 採血筆五個檔位可調，可根據不同的強弱調節不同的檔位
- 產品採用電池壽命長，使用時間長，無操作自動關機

Specifications

Product Model 產品型號	HM-FJ
Product Function 產品功能	blood glucose test 血糖測試
Material 材質	ABS,LCD display ABS,液晶屏顯示
Memory Function 記憶功能	memory measurement data were collected for 180 days 記憶量測數據180組
Measurement Range 血糖測量範圍	1.1mmol/l~33.3 mmol/l(20-600mg/dl)
Measuring Time 測量時間	11±1秒 (倒數10個數)
Test Method 檢驗方法	glucose oxidase method 葡萄糖氧化酶法
Power Supply 電源方式	AAA battery *2 7號電池 1.5*2
Product Size 產品尺寸	8.6*5.6*2.5cm
Product Weight 產品重量	55g (無電池)



Instructions

- ◆ 取出產品，裝入兩節AAA電池，插入試紙
- ◆ 將采血針取出裝入采血筆，然後開始采血
- ◆ 將手指指出血處對準試紙采血口，血液吸收進去即可
- ◆ 等待幾秒後即可顯示測試結果
- ◆ 注意事項：
 - 1) 使用前和使用時請認真閱讀產品說明書
 - 2) 紅細胞壓積率是血液中含紅細胞的百分比紅細胞壓積率偏低會使量測結果偏高；紅細胞壓積率偏高則會使量測結果偏低
 - 3) 清潔後，需徹底乾燥後再進行量測，請勿使用碘酒消毒，否則會影響量測結果
 - 4) 檢查確保血糖分析儀上顯示校正碼與血糖試紙包裝上的校正碼匹配
 - 5) 請勿觸摸血糖試紙的血液滴入口和接觸電極處，避免污染試紙
 - 6) 請勿將血滴在試紙上方，血糖分析儀和試紙置於血滴下方，這可能會使血液進入儀器量測口並損壞儀器
 - 7) 切勿滴加彌散的血樣，試紙吸取好血樣後，請不要讓試紙再吸取血樣；在量測過程中請勿移動插在儀器中的試紙
 - 8) 如果確認視窗未被填滿，可能顯示錯誤資訊或者量測結果不準確
 - 9) 如果兩分鐘內不滴血，則血糖分析儀將自動關閉；您必須取出試紙再次插入血糖分析儀，重新開始量測

COVID-19 Rapid Virus Self Test Card

新冠病毒COVID-19 快速病毒自我檢測卡

Model: FAU

Features:

- COVID-19 antigen self test kit, accuracy of 96.5% or more
- Avoid queuing, save time and avoid the risk of cluster infection
- It can tell if COVID-19 is infected with antigen.
- A simple procedure for collecting through the nasal cavity
- 15-20 minute rapid screening
- EU CE certification available

- 新冠病毒抗原自我檢測套裝，準確度達96.5%或以上
- 免去排隊節省時間，避免排隊群聚感染風險
- 可以判斷是否染上新冠病毒的抗原
- 通過鼻腔採集的簡單程式
- 15-20分鐘快速篩檢
- 歐盟CE認証可查詢



Test Procedure



01 Swab Nostrils 採集樣本



02 Stir into Buffer 混入測試液



03 Apply to Device 滴進測試棒



04 Read Results 讀取結果

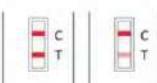
前鼻(前鼻)拭子採樣

1. 小心地將棉籤插入用戶的鼻孔。拭子尖端應插入距鼻孔邊緣最多 2.5 厘米(1 英寸)的位置。
2. 沿著鼻孔內壁輕拍並滾動拭子數次。
3. 從鼻腔中取出棉籤。

Interpretation of Test Results



Negative



Positive



Invalid

注意事項:

- ◆若包裝袋破損或封口破損, 請勿使用本產品。僅供專業體外診斷使用。
- ◆使用本套裝前, 請取下您的手飾, 然後用肥皂或酒精類消毒劑洗手。
- ◆試劑盒適合18-70歲人群自測使用。1至18歲的人應在成年人的陪同下使用此套件。一歲以下的新生兒不適合使用該套件。
- ◆請確保使用適量的樣品進行測試。樣本量過多或過少都可能導致結果有偏差。
- ◆如果不小心用眼睛和皮膚接觸到緩衝液, 請立即用大量的水立即沖洗眼睛和皮膚。



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