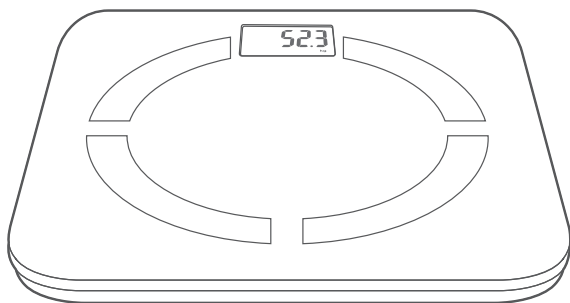


BILANCIA CON ANALIZZATORE DI GRASSO CORPOREO
GLASS BODY FAT ANALYZER SCALE
PÈSE-PERSONNE AVEC ANALYSEUR DE GRAISSE CORPORELLE
BÁSCULA CON ANALIZADOR DE GRASA CORPORAL
BALANÇA COM ANALIZADOR DE GORDURA CORPORAL
ΖΥΓΑΡΙΑ ΜΕ ANALYTH ΣΩΜΑΤΙΚΟΥ ΛΙΠΟΥΣ
WAGA Z ANALIZATOREM TKANKI TŁUSZCZOWEJ CIAŁA

MANUALE D'USO E MANUTENZIONE
USE AND MAINTENANCE BOOK
INSTRUCTIONS DE FONCTIONNEMENT ET ENTRETIEN
MANUAL DE USO Y MANTENIMIENTO
MANUAL DE USO E MANUTENÇÃO
ΕΓΧΕΙΡΙΔΙΟ ΧΡΗΣΗΣ ΚΑΙ ΣΥΝΤΗΡΗΣΗΣ
PODRECZNIK EKSPLOATACJI I KONSERWACJI



ATTENZIONE: Gli operatori devono leggere e capire completamente questo manuale prima di utilizzare il prodotto.

ATTENTION: The operators must carefully read and completely understand the present manual before using the product.

AVIS: Les opérateurs doivent lire et bien comprendre ce manuel avant d'utiliser le produit.

ATENCIÓN: Los operadores tienen que leer y entender completamente este manual antes de utilizar el producto.

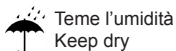
ATENÇÃO: Os operadores devem ler e entender completamente este manual antes de usar o produto.

ΠΡΟΣΟΧΗ: Οι χειριστές αυτού του προϊόντος πρέπει να διαβάσουν και να καταλάβουν πλήρως τις οδηγίες του εγχειριδίου πριν από την χρήση του.

UWAGA: przed rozpoczęciem użytkowania wyrobu operatorzy muszą przeczytać podręcznik i upewnić się, iż wszystko to, co jest w nim napisane jest dla nich jasne i zrozumiałe



REF LS203-B










Conservare al riparo della luce solare diretta
Keep away from sunlight


Fabbricante
Manufacturer

GUANGDONG TRANSTEK MEDICAL ELECTRONICS CO., LTD
Zone A, No.105, Dongli Road, Torch Development District,
Zhongshan, Guangdong, 528437, China
Made in P.R.C.

Safety and Usage Information

The warning signs and symbols are essential to ensure your correct and safe use of this product and protect you and others from injury. Please kindly find the meanings of the warning signs and symbols, which you may encounter in the label and user manual, as follows:

	Symbol for "THE OPERATION GUIDE MUST BE READ"		Symbol for "MANUFACTURER"
	The Bluetooth Combination Mark		Symbol for "DIRECT CURRENT"
	Symbol for "COMPLIES WITH EU REQUIREMENTS"		Symbol for "ENVIRONMENT PROTECTION – Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice"
	Symbol for "MANUFACTURE DATE"		
SN	Symbol for "SERIAL NUMBER"		

CAUTION

Body Fat Analyzer offers you a seamless way to manage your health.

Please be aware that this device is designed for healthy population over 10 years old self-measuring and self-monitoring body compositions. Any information provided by this device is in no way meant to treat, cure or prevent any disease or illness from happening. If in doubt, contact your physician.

This device is contraindicated for any female subject who may be suspected of, or is pregnant. Otherwise, the effects of this device on the fetus are unknown.

This device is contraindicated for any person who is connected to a wearable or implantable electronic device or instrument such as a pacemaker or defibrillator.

This device should not be used for anyone who is acutely or chronically ill because of suffering from a disease or taking medications that affect your water levels. The accuracy of readings for these patients has not been verified. Specific medical advice should be obtained from a physician.

The product is equipped with data transmission function. It may emit electromagnetic energy so as to perform its intended function. Nearby portable and mobile RF communications equipment can affect the performance of the product. And the device can interfere vicinity electrical equipment.

Manufacturer will make available on request circuit diagrams, component parts list, etc.

WARNING: No modifications of this equipment is allowed. This may result in increased EMISSIONS or decreased IMMUNITY of the product.

Please use the device according to the user manual. Any misuse can cause electric shock, burns, fire and other unexpected hazards.

Please use and storage the device under the environment which was provided in the user manual.

Don't expose the device to extreme temperatures, direct sunlight, moist or corrosive environment.

Do not step on the scale when your body or feet are wet, especially after bathing or showering to prevent slipping.

Please keep the device out of reach of infants, children or pets, since inhalation or swallowing of small parts is dangerous or even fatal.

Please don't use the device out of lifetime any more because degraded sensors and electrodes, or loosened electrodes can degrade performance or cause other problems.

If you have an allergy to stainless steel, please avoid to contact to the electrodes of the device.

The patient is an intended operator. The patient can measure, transmit data and charge battery under normal circumstances and maintain the device and its accessories according to the user manual.

**INDICATIONS FOR USE**

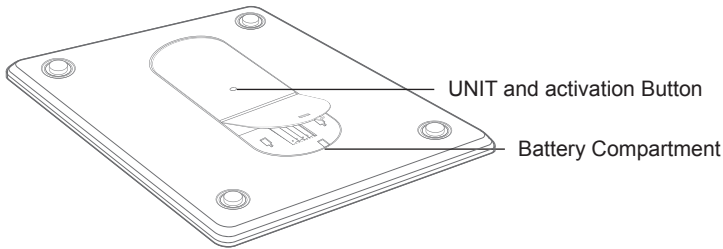
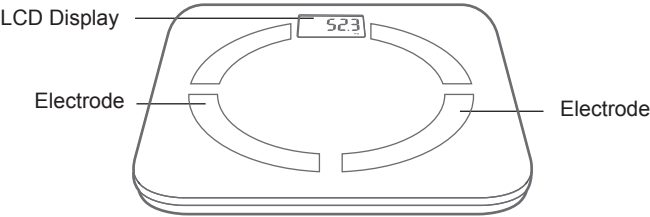
The Body Fat Analyzer measures weight and uses bio-electrical impedance analysis (BIA) technology to estimate body fat, total body water percentage, bone mass, and muscle mass in generally healthy children 10-17 years old and healthy adults. It is intended for use in the domestic setting only.

Tips

To ensure the accuracy of measurement, please follow below instructions when you start measurement.

- Place the scale on a flat, hard surface. Soft surface such as carpet will affect the performance of the scale.
- Step onto the platform with bare feet. Stand still and keep full contact with the electrodes until the measurement is complete.
- Start measurement at least two hours after Getting up or Dinning.
- Avoid measurement immediately after strenuous exercise, sauna or bath, drinking, and dinning.
- Always start measurement in the same time slot and on the same scale located on the same flat, hard surface.
- For maximum accuracy and repeatability , it is recommended that you should use the device in the same time of the day and on the same location.
- The condition of the skin on the bottom of your feet can affect the reading. The natural effects of aging or activity can make this skin hard. Take the reading with clean, slightly damp feet for best accuracy. If you are having a problem on operating this scale please contact customer service.
- Body fat percentage estimates will vary with the amount of water in the body, and can be affected by dehydration or over-hydration due to such factors as alcohol consumption, menstruation, illness, intense exercise, etc.

Device Components






List

- 1. Glass Body Fat Analyzer
- 2. Four AAA-size Batteries
- 3. User Manual

LCD Display



kg	Kilogram		Data transmitting
st	Stone		Pending to transmit to wireless wellness system
lb	Pound		Low Battery
BIA	Bioelectrical Impedance Analysis		

General Instructions

Glass Body Fat Analyzer applies BIA (Bio-impedance Analysis) technology. A small amount of weak current flows through the human body so as to detect the bio-impedance and estimate body fat. The electrical current is small and may not be felt. This BIA technology is cheap, safe, non-invasive, toxic-free and harmless. It also possesses the characteristics of simple operation and abundant information. The current mentioned above is less than 0.5mA. However, please be aware that anyone with a wearable or implantable medical electronic instrument, such as a pacemaker, must avoid using this device. The intended use of this device is for healthy children 10-17 years old and healthy adults.

Insert the Batteries

Open the battery door in the back of the scale.


Insert the batteries (4 x 1.5VAAA) into the battery compartment according to the polarity indications

marked inside the compartment.

* The digits "8888" will be shown on the LCD.



Close the battery door and wait until the digits "00" are shown on the LCD.

When the symbol  appears, the device will power off. Then you shall replace with a new set of batteries. Please replace all four batteries at the same time. Do NOT mix the old batteries with the new one. Worn batteries are hazardous waste. Do NOT dispose of them together with the household garbage. Please refer to the local ordinances and recycling instructions regarding disposal of the worn batteries and scrapped device.

If you do not intend to use this unit for a prolonged period of time, it is advisable to remove the batteries before storing.

Install App and Pair-Up

With the advanced Bluetooth 4.0 technology applied, the mobile or portable equipments, which are equipped with Bluetooth function in line with BLE Technical Specifications as well as BLP Protocol established by global organization Bluetooth SIG, are capable to receive your personal health data.



iOS supported devices: Iphone4S or above version; Ipad touch 5 or above version; Ipad 2 or above version; Ipad mini or above version.

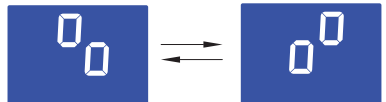
Android supported devices: devices with Android OS 4.4 or above version and supports Bluetooth 4.0. (latest Android devices manufactured after the 2014).

Just simply install the specially-designed App "**MedM App**" and pair up your scale with your mobile or portable equipments. The App can be downloaded on App store (iOS devices) or Google play (Android devices).

Turn on Bluetooth and the **MedM App** App. Make sure both are ON when pair-up is proceeding.

Press and hold "UNIT" button in the back of the scale to start pair-up.

Symbol  and symbol  will be shown on the LCD alternatively, indicating pair-up is proceeding.



If SUCCEED, [] symbol will be shown on the LCD.

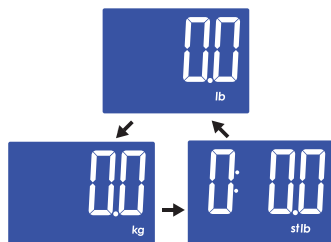


If FAIL, symbol "E1" will be shown on the LCD.



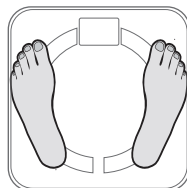
Select Measurement Unit

With batteries correctly installed, press “UNIT” button in the back of the scale to select measurement unit. The default measurement unit is “lb”. You may press “UNIT” button to choose among pound, kilogram and stone.



Daily Measurement

With original SENSE ON patent technology, the scale will switch on as you step on the platform barefooted.



Stand still and keep full contact with the electrodes until the LCD stops blinking “BIA”.



When your scale is successfully paired with your smartphone and the Bluetooth is ON, it will process data transmission.


(Please refer to Data Transmission for more details.)




Data Transmission

With the scale successfully pair-up with your smartphone, the measurement data will be transmitted to your mobile via Bluetooth.



The symbol  will disappear after successful data transmission, and you may check your personal health data stored in your smartphone.

If the data transmission fails, the symbol  will remain. The pending measurement data will be temporarily kept in the scale and transmitted to your smartphone when next measurement is complete.



Data transmitting




Data ready to transmit to the App:

-If SUCCEED, the symbol disappears;

-If FAIL, the symbol remains.

CAUTION




Interference may occur in the vicinity of equipment marked with the following symbol . And the Analyzer may interfere vicinity electrical equipment.

To enable the data transmission function, this product should be paired to a Bluetooth 4.0 end.

How to mitigate possible interference?

1. The range between the Analyzer and the Bluetooth end should be reasonably close, from 1 meter to 10 meters. Please ensure no obstacles between the Analyzer and the Bluetooth end so as to obtain quality connection.
2. To avoid interference, other electronic devices (particularly those with Bluetooth transmission / Transmitter) should be kept at least 1 meter away from the Analyzer.

Error Prompt

Error	Description	Solution
	Overload. The device will power off.	Stop using this scale for measurement.
	Low Battery. The device will power off.	Replace all four batteries at the same time. Please purchase the authorized batteries for replacement.
	Failure of pairing up your scale with your smartphone.	Please check below items: -Bluetooth is ON. -App is ON. -Both devices are within the transmission distance of Bluetooth.

When Measuring ...

Problem	Root Cause	Solution
Abnormal measuring results: - Too high; OR - Too low; OR - Huge difference between two recent measurement.	Incorrect posture	Please step on the platform barefooted and stand still.
	The device is located on the soft ground such as a carpet OR on a rugged surface.	Please place the device on a flat, hard surface.
	Cold body that may results in bad blood circulation.	Warm up your hands and feet to resume blood circulation and then measure again.

Problem	Root Cause	Solution
A b n o r m a l measuring results: - Too high; OR - Too low; OR - Huge difference between two recent measurement.	Cold Electrodes.	Place the device in a warm room for a while and then measure again.
	Either your hands or your feet are too dry.	Wipe your feet with a damp cloth, keeping them slightly damp when starting measurement.
No display on LCD when the device powers on.	Batteries not yet installed.	Install the batteries. (Please refer to Insert the Batteries)
	Worn batteries.	Replace all four batteries at the same time. Please purchase the authorized batteries for replacement.
CANNOT proceed to analyze body fat.	Step onto the platform wearing socks or shoes.	Please keep barefooted during the measurement, and keep full contact with the electrodes as well.
The device powers off automatically.	Low battery.	Replace all four batteries at the same time. Please purchase the authorized batteries for replacement.

When Data Transmitting ...

Problem	Root Cause	Solution
Data transmission failed.	Bluetooth is OFF.	Turn ON the Bluetooth via Settings.
	App is OFF.	Press the icon to turn ON your app.
	Out of range of Bluetooth transmission.	Place your smartphone closer to the scale.

Specifications

Product Name	Glass Body Fat Analyzer
Dimension	Scale: 321x321x23.5mm (Approximately)
Net Weight	Approximately 1.98kg (Excluding the dry cells)
Display	Digital LCD with White Backlight
Measurement Unit	Kilogram / Stone / Pound
Measurement Range	5kg to 150kg / 0st: 11lb to 23st: 8lb / 11lb to 330lb
Division	0.1kg / 0.2lb
Accuracy	5-50kg: $\pm 0.3\text{kg}$; 50-100kg: $\pm 0.4\text{kg}$; 100-150kg: $\pm 0.5\text{kg}$;
Working Environment	Temperature: 5°C to 40°C Humidity: 15% RH to 93% RH Atmospheric pressure: 70kPa to 106kPa
Storage Environment	Temperature: -20°C to 60°C Humidity: $\leq 93\%$ RH Atmospheric pressure: 50kPa to 106kPa
Power Source	6V (Four AAA-size Batteries)
Turn on Method	SENSE ON technology
Auto-OFF	The scale will turn off after about 10 seconds if there is no operation
Accessories	1. Four AAA-size batteries 2. User Manual
Mode of Operation	Continuous Operation
Degree of protection	Type BF applied part
Protection against ingress of water	IP21, It means the device could protected against solid foreign objects of 12.5 mm and greater, and against vertically falling water drops
Software Version	A0
Bluetooth Module No.	AW8001

Maintenance

When carrying out usual maintenance, please ensure practice of the following Do's and Don'ts:

- DO use a dry soft cloth to wipe the dust.
 - DO use a wet soft cloth, dipped into water and wrung out, to wipe the dirt. Then use a dry soft cloth to dry up the device.
 - DON'T wash the device with water or immerse it in water.
 - DON'T use propellant, abrasive or other chemicals to wipe the dirt in avoidance of discolor or malfunction.
 - DON'T disassemble this device. If you have any problems, please contact the distributor. (Please refer to Warranty for contact information)
- Do not dispose of batteries in fire. Batteries may explode or leak. Remove the batteries if the scale will not be used for a long period.

EMC Guidance

1. MEDICAL ELECTRICAL EQUIPMENT needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the ACCOMPANYING DOCUMENTS.

2. Wireless communications equipment such as wireless home network devices, mobile phones, cordless telephones and their base stations, walkie-talkies can affect this equipment and should be kept at least a distance $d = 3,3 \text{ m}$ away from the equipment.

(Note. As indicated in Table 6 of IEC 60601-1-2:2007 for ME EQUIPMENT, a typical cell phone with a maximum output power of 2 W yields $d = 3,3 \text{ m}$ at an IMMUNITY LEVEL of 3 V/m)



Disposal: *The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment. For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased. If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.*

GIMA WARRANTY CONDITIONS

Congratulations for purchasing a GIMA product.

This product meets high qualitative standards both as regards the material and the production. The warranty is valid for 12 months from the date of supply of GIMA.

During the period of validity of the warranty, GIMA will repair and/or replace free of charge all the defected parts due to production reasons. Labor costs and personnel traveling expenses and packaging not included.

All components subject to wear are not included in the warranty.

The repair or replacement performed during the warranty period shall not extend the warranty.

The warranty is void in the following cases: repairs performed by unauthorized personnel or with non-original spare parts, defects caused by negligence or incorrect use.

GIMA cannot be held responsible for malfunctioning on electronic devices or software due to outside agents such as: voltage changes, electro-magnetic fields, radio interferences, etc.

The warranty is void if the above regulations are not observed and if the serial code (if available) has been removed, cancelled or changed.

The defected products must be returned only to the dealer the product was purchased from. Products sent to GIMA will be rejected.