

Guangdong Transtek Medical Electronics Co., Ltd.

广东乐心医疗电子股份有限公司

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User Manual

Body Scale

SWY51



- Thank you very much for selecting the Transtek Body Scale SWY51.
- Please do read the user manual carefully and thoroughly so as to ensure the safe usage of this product, and keep the manual well for further reference in case you have problems.



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♥ 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 "MANUFACTURER"		Symbol for "SERIAL NUMBER"
	Symbol for "RECYCLE"		Symbol for "DIRECT CURRENT"
	Caution Indicates that caution is necessary when operating the device or control close to where the symbol is placed, or that the current situation needs operator awareness or operator action in order to avoid undesirable consequences.		
	The symbol indicates that the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling.		

♥ Your Scale and Its Environment

To ensure your safety as well as the service life of your scale, please avoid using the scale under the following circumstances:

- Slippery floor such as tile floor
- Jumping onto the platform immediately after bath or with wet feet
- Near a cell phone or microwave oven

Avoid storage in the following locations:

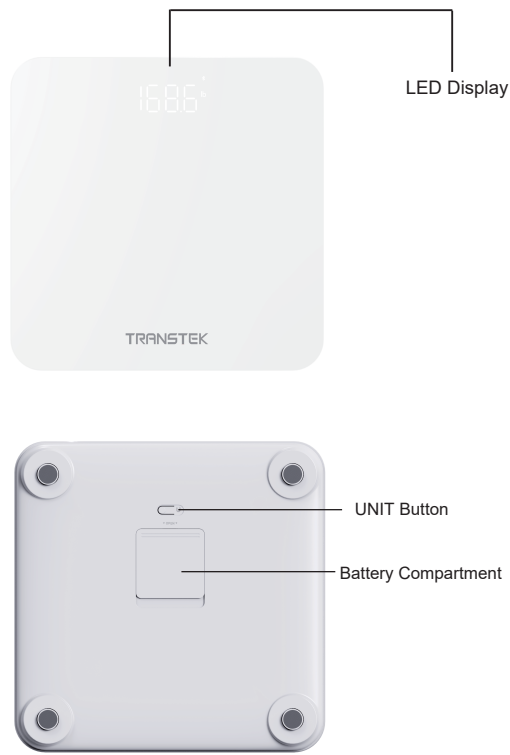
- Where there is water
- Where the device may be exposed to extreme temperatures, humidity, moisture, direct sunlight, dust, or salt air
- Where there is risk of shock or drop
- Where you store chemicals or full of corrosive gases
- Where in reach of the infants or children

♥ Efficient Use of Your Scale

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.
- 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.
- Any information provided by this scale is in no way meant to treat, cure or prevent any disease or illness from happening. If in doubt, contact your physician.
- It is intended for use in the domestic setting only.

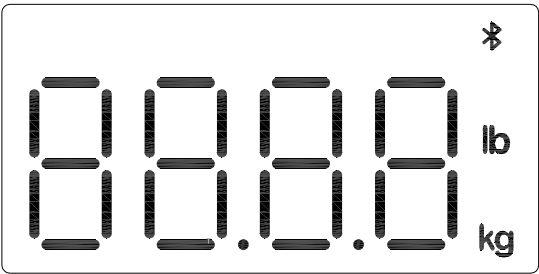
♥ Device Components



♥ List

- 1. Body Scale SWY51
- 2. 4 × AAA Batteries (1.5V per each)
- 3. User Manual

♥ LED Display



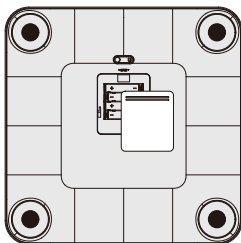
lb	Pound	Bluetooth symbol	Bluetooth Connection Indication
kg	Kilogram		

♥ General Instructions

Transtek Body Scale SWY51 applies SENSE ON technology. It's not necessary to turn on or turn off the scale, just stand on the scale for measurement. It is delicate and trendy, convenience for using.

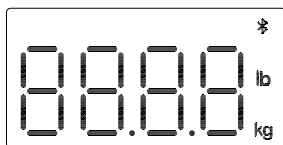
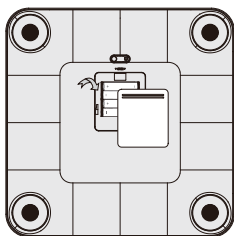
♥ Power on

1. Open the battery door in the back of the scale.

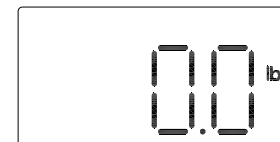
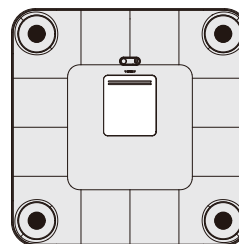


2. Insert the batteries (4 x 1.5V AAA) into the battery compartment according to the polarity indications marked inside the compartment.

* All digits will be shown on the LED.



3. Close the battery door and wait until the digits "0.0lb" are shown on the LED.



! CAUTION

- When the symbol "Lo" appears, the device can only weigh 10 times and then 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.
- Do not mix alkaline, standard(carbon-zinc), or rechargeable(Ni-Cd, Ni-MH, etc) batteries.
- Use the scale for 20 seconds at a time, three times a day. The battery is carbon battery and the lifetime is around 250 days.

♥ Install APP and Pair-Up

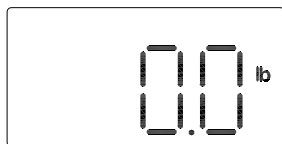
With the advanced Bluetooth 5.2 technology applied, the mobile or portable equipments, which are equipped with Bluetooth function in line with BLE Technical Specifications as well as BLP Protocol established by global organization Bluetooth SIG, are capable to receive your personal health data.

Just simply install the Medm App and pair up your scale with your mobile or portable equipments. Then you may enjoy the comprehensive health solution provided by Medm.

Note:

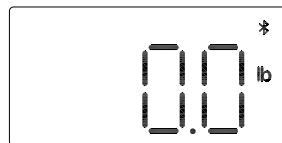
It is only available for the device which supports Bluetooth 5.2 technology.

1. Turn on the scale for the first time, it will automatically enter bluetooth pairing mode. The symbol of  is not displayed while waiting for pairing.

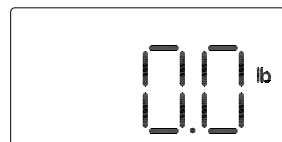


2. Turn on bluetooth and the Medm Smart App. Make sure both are ON when pair-up is proceeding.

If SUCCEED, symbol  will be shown on the LED.

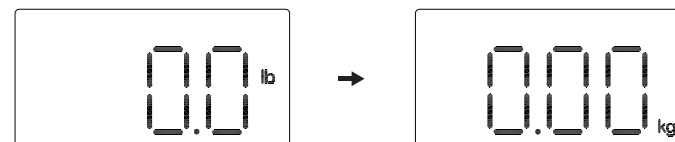


If FAIL, symbol  will not be shown on the LED.



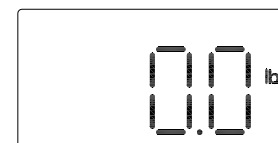
♥ Select Measurement Unit

1. When the scale is off, press the [UNIT] button to turn on.
2. Press the [UNIT] button to select measurement unit. The default measurement unit is "lb". You may choose a unit between pound and kilogram.

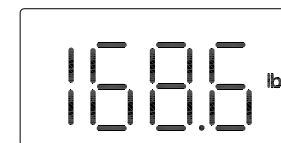


♥ Daily Measurement

1. When the scale is off, press the [UNIT] button to turn on.
2. User directly stand on the platform and keep full contact with the electrodes. Weight value on the LED will flash twice after the value is locked. And then the scale will shut off after 15 seconds. (Take without Bluetooth as an example)



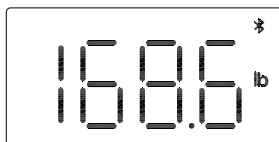
Before the measurement



Lock and display the weight value for 15 seconds

♥ Data Transmission

- When SWY51 successfully pair-up with your smartphone, the measurement data will be transmitted to your mobile via Bluetooth.



- ONLY when the measuring results are attached to a specific User ID will it be transmitted to your mobile after measurement.
- The symbol  will display after successful data transmission, and you may check your personal health data stored in your smartphone.
- If the data transmission fails, the symbol  doesn't display. The pending measurement data will be temporarily kept in the scale and transmitted to your smartphone when next measurement is complete.

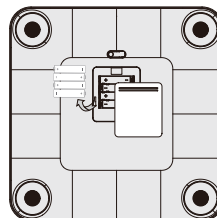
 CAUTION

- 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 5.2 or above end.

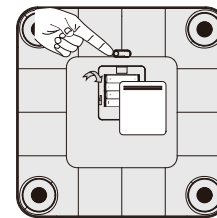
How to mitigate possible interference?

- 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.
- To avoid interference, other electronic devices (particularly those with Bluetooth transmission / Transmitter) should be kept at least 1 meter away from the Analyzer.

♥ Restore the Factory Settings



Open battery door and remove batteries



Place the battery back in the battery compartment and hold the [UNIT] button for 5s



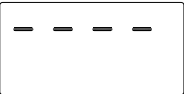
If the symbol "CLr" is displayed, the device has been restored to Factory Settings.

 CAUTION

If the factory Settings are restored, the following data will be cleared:

- The Bluetooth Binding
- The device's existing user and weight data

♥ Error Prompt

Error	Description	Solution
	Overload.	Stop using this scale for measurement.
	Low Battery.	Replace all four batteries in the same time. Please purchase the authorized batteries for replacement.

♥ When Measuring ...

Problem	Root Cause	Solution
Abnormal measuring results: - Too high; - Too low; - 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.

Problem	Root Cause	Solution
No display on LED 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.
The device powers off.	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.
	The APP is OFF.	Press the icon to turn ON your APP.
	Out of range of Bluetooth transmission.	Place your smartphone closer to the scale.
	None of the user ID is assigned.	Please assign a User ID on the APP.

About the Accuracy of This Product

- This product passes strict inspection before delivery and therefore its accuracy is guaranteed by the manufacturer. Please refer to the following table for the descriptions on accuracy.
- This product is specially designed for body scale as well as weight measurement. It should NOT be used by anyone during the process of transaction for verification of goods' weight.

♥ Specifications

Product Name	Body Scale (SWY51)
Dimension	Scale: 300x300x23.5mm (Approximately)
Net Weight	Approximately 1.6kg (Including the dry cells)
Display	Digital LED
Measurement Unit	Pound / Kilogram
Measurement Range	11lb to 397lb / 5kg to 180kg
Division	5-100kg: 0.05kg / 0.1lb; 100-180kg: 0.1kg / 0.2lb
Accuracy	5-50: ±0.2kg; 50.05-100: ±0.3kg; 100.1-150: ±0.4kg 150.1-180: ±0.5kg;
Working Environment	Temperature: 5℃ to 40℃ Relative Humidity: ≤90% RH Atmospheric pressure: 86kPa to 106kPa
Storage Environment	Temperature: -20℃ to 60℃ Relative Humidity: ≤90% RH Atmospheric pressure: 50kPa to 106kPa
Power Source	6V (Four AAA-size Batteries)
Auto-ON	SENSE ON technology
Auto-OFF	The scale will turn off after about 15s if there is no operation.
Accessories	1. Four AAA-size Batteries 2. User Manual
Mode of Operation	Continuous Operation
Bluetooth	5.2
Software Version	A01
Degree of protection	Type BF applied part

♥ 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 Transtek.
(Please refer to Warranty for contact information)

♥ Warranty

- Transtek warrants its products free of defects in materials and workmanship in normal use for a period of FIVE years from the date of retail purchase.
- This warranty does NOT cover damages caused by misuse or abuse, including but not limited to:
 - Failure caused by unauthorized repairs or modifications;
 - Damage caused by shock or drop during transportation;
 - Failure caused by improper operation inconsistent with the instructions stated in this user manual;
 - Malfunction or damage from failure to provide the recommended maintenance;
 - Damage caused by improper use of power supply.
- Should this device require maintenance (or replacement at our option) under warranty, please deliver the original package to ZHONGSHAN TRANSTEK ELECTRONICS CO., LTD prepaid. Please return the store receipt (with the retail purchase date) and a note with reasons to return on it as well.

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 Website: <http://www.transtek.cn>

♥ Warning

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

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

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

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the equipment SWY51, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

-- CAUTION! RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

-- DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

-- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

-- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;

-- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Caution:

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

♥ FCC Regulations

FCC User Guide Information

Radio Frequency Interface Requirements - FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.