

PRODUCT GUIDE

Smart Baby Scale



Model: 0224

Contact Information

Please contact your program's customer support. TRANSTEK will not be able to directly assist customers.

Manufactured by: GUANGDONG TRANSTEK MEDICAL ELECTRONICS CO., LTD
Zone A, No.105, Dongli Road, Torch Development District, 528437 Zhongshan,
Guangdong, China

version: A/0

- Thank you for choosing GG Smart Baby Scale !
- Please read this manual thoroughly to know how to use your GG Smart Baby Scale safely and correctly. Keep the manual well for future reference.

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Symbol Meanings

The symbols below may be in the product guide, labeling or other component. They are the standard requirement of using.

	Refer to instruction manual/booklet To signify that the instruction manual/booklet must be read.		
	Serial Number		Date of Manufacture
	Direct Current		General symbol for recovery/recyclable
	Type BF applied part		Temperature limit
	Humidity limitation		Atmospheric pressure limitation
	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.

CAUTION

The GG Baby Scale offers you a way to manage your health. Please be aware that this device is designed for baby (Measuring range from 0.011 lbs to 66 lbs) . Any information provided by this device is in no way meant to treat, cure or prevent any disease or illness from happening.

The GG Baby Scale 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 device.

Portable and mobile RF communications equipment can affect the measuring accuracy of the GG Baby Scale.

Kindly note that the use of accessories, transducers or cables other than those specified, with the exception of transducers and cables sold by the manufacturer as replacement parts for internal components, may result in increased EMISSIONS or decreased IMMUNITY of the device.

Be aware that misuse of electrical equipments can cause electric shock, burns, fire and other hazards. Please do not use the device in flammable gas environment.

Warning that the GG Baby Scale should not be used adjacent to or stacked with other equipment.

The surface shell and scale pan is type BF Applied part.

The device does not need to be calibrated in five years lifetime.

Do not touch the output of batteries when using the scale.

Please use the device under the environment which is provided in the user manual. Otherwise, the performance and lifetime of the device will be impacted and reduced.

Store your device in a clean and dry place. Never place any heavy objects on it.

Dispose of accessories, detachable parts, and the device according to the local guidelines.

Safety Information

INDICATIONS FOR USE

- This product is a device specially used for measuring baby weight. It consists of electronic sensors, the scale pan, the bottom shell, the display screen and other components. This product is suitable for home or medical use. This product does not diagnose or treat any disease.

Your Scale and Its Environment

To ensure your safety as well as the service life of your scale, DO NOT use the scale:

- on the slippery floor such as tile floor,
- immediately after bath or with wet feet,
- near a cell phone or microwave oven.
- At least 2 hours required for the device to warm/cool from the minimum/maximum storage temperature between uses until it is ready for intended use when the ambient temperature is 20 C .

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.

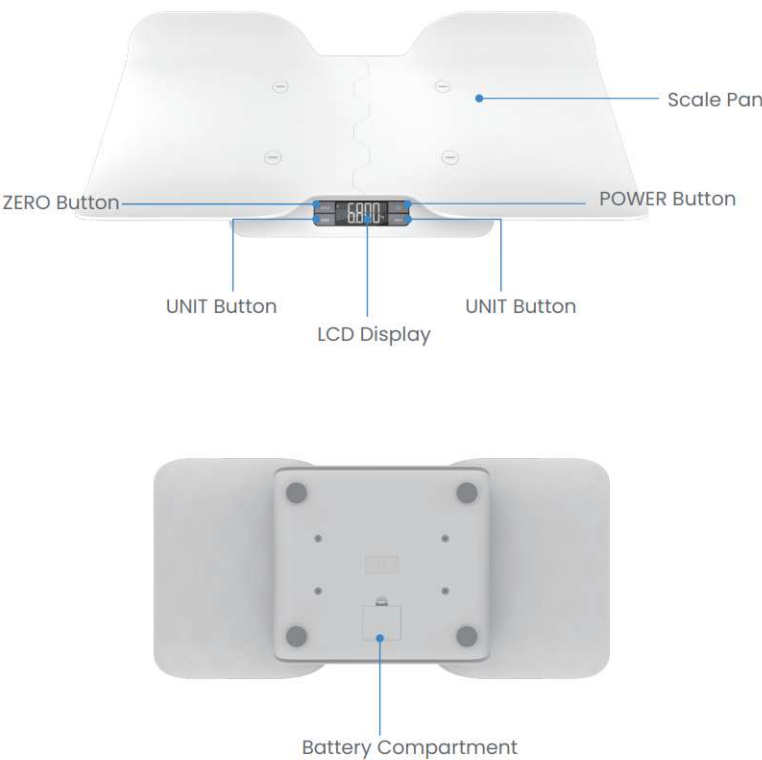
Efficient Use of Your Scale

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 dining.
- Always start measurement in the same time slot and on the same scale located on the same flat, hard surface.
- This device is not intended for use in an oxygen rich environment.
- 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.
- The device is designed for use in the home healthcare environment.

Overview

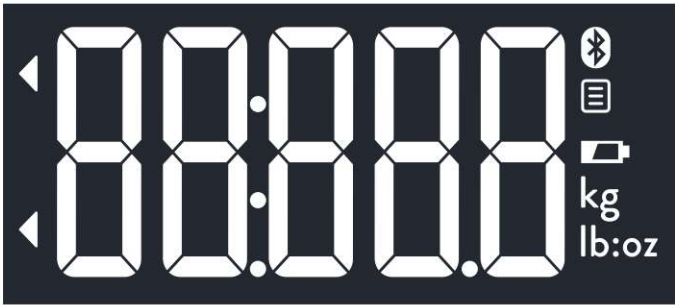
Device Components



List

- 1. GG Smart Baby Scale (0224)
- 2. 4 × AAA Batteries (6V )
- 3. Product Guide

LCD Display



kg	Kilogram		Low battery symbol
lb:oz	Pound: Ounce		Bluetooth symbol
lb	Pound		Data transmitting symbol

Initial Start-Up

General Instructions

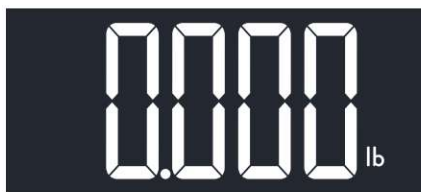
A smart scale for babies with easy setup, function, and connection. The GG baby scale is highly accurate, implementing a proprietary settling algorithm that measures the weight of even the wiggliest little ones. And, as your baby grows a bit, this digital baby scale is designed to function as a toddler scale too—with the ability to weigh up to 66 pounds. Connect to our in-house Smart Baby app, so you can chart your child's milestones.

Insert Batteries

- Open the battery door in the back of the scale.
 - Insert the batteries (4 x 1.5V AAA) according to the polarity indications marked inside the battery compartment.
- * The "HELLO" will be shown on the LCD.



- Close the battery door and wait until the digits "0.000 lb" are shown on the LCD.



CAUTION

- When symbol "🔋" blinks, 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 ones.
- 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.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (Ni-Cd, Ni-MH, etc) batteries.
- If you do not intend to use this unit for a prolonged period of time, it is advisable to remove the batteries before storing.
- Use the scale three times a day, and the lifetime of battery is one year.

Install the scale pan

- Remove the left and right scale pan.
- Assemble the pallet according to the interface.
- Place the assembled tray on the baby scale.
- Rotate the paddle clockwise to lock the scale pan.



Install APP and Pair-Up

With the advanced Bluetooth 5.0 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. Just simply install the "GG RPM" app and pair up your smart baby scale with your mobile or portable equipments. Then you may enjoy the comprehensive health solution provided by GG.

Note: It is only available for the device which supports Bluetooth 5.0 technology.

- Download the "GG RPM" app, register and log in to your personal account.
- Turn on the Bluetooth and the "GG RPM" app on your smart device. Make sure both are ON when pair-up is proceeding.
- When your smart baby scale is off, press the UNIT button to start pair-up.



- Search for the Bluetooth model of the smart baby scale within the app, then pair and bind the device.
(Bluetooth model: 0224)
- Bluetooth is currently pairing.
The LCD is cycling through the pairing code.



- If the pairing code displayed on the scale matches the code in the app, press the UNIT button to confirm the pairing.
You must also confirm the pairing within the app on your mobile phone.

If SUCCEED, the symbol "Bluetooth" will be shown on the LCD.

If FAIL, symbol "Bluetooth" will not be shown on the LCD.



Select Measurement Unit

1. With batteries correctly installed, press "UNIT" button to select measurement unit. The default measurement unit is "lb". You may press "UNIT" button to choose "lb", "lb: oz" and "kg".
2. When Bluetooth is connected, you can switch units via the "GG RPM" app; the scale's LCD display will update simultaneously. The reverse applies as well.

Daily Measurement

1. Installing batteries for the first time or turning on the device by pressing the POWER button.

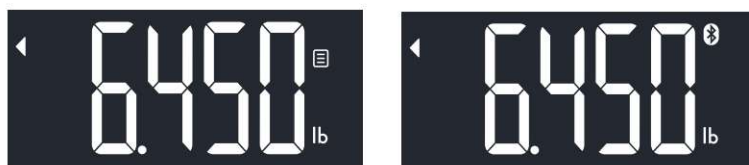
* The "HELLO" will be shown on the LCD.

* After a few seconds the LCD displays the numbers "0.000 lb".



2. Press "UNIT" button to select measurement unit.

3. Place the baby on the tray until the LCD stops blinking digits.



NOTE:

- You can weigh in the zero state. The weight change will be displayed during weighing. If the load is greater than 1kg, the weight will flash twice and then be locked after stabilization.
- After the machine is turned on and reset to zero, the load is less than 1kg, and the displayed weight is not locked after stabilization.
- When the weight is locked, short press the HOLD button to unlock it and display the current weighing value.
- After the weight is locked, if you load a weight of 5 kg or more, the lock will be released, the latest weight will be displayed, and the weight will be locked again.
- After the weight is locked, when you load a weight less than 5kg, you can short press the "HOLD" key to unlock it. The screen will display the latest weight and lock the weight again.
- When the weight is displayed, you can short press the ZERO button to reset to zero. The screen display will alternately change "- -". After zeroing, the screen will return to zero.
- The measuring range of this baby scale is "0.011bs - 66lbs". If it exceeds the measuring range, it will display "----", then it automatically shuts down after a few seconds.
- If you press the ZERO button to reset the weight after the weight is locked, the screen will display a negative weight after removing the object.
- When the device is powered on, press and hold the POWER button for about 2 seconds to power it off.

With 0224 Smart Baby Scale 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  doesn't display after successful data transmission, and you may check your personal health data stored in your smartphone.
- If the data transmission fails, the symbol  will always 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 5.0 or above 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.

Troubleshooting

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
No display on LCD when the device powers on	Batteries not yet installed	Install the batteries. (Please refer to Insert the Battery)
	Worn batteries	Replace all four batteries at the same time. Please purchase the authorized batteries for replacement
The device powers off automatically	Worn batteries	Replace all four batteries at the same time. Please purchase the authorized batteries for replacement

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 above table for the descriptions on accuracy.
- This product is specially designed for GG Baby 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	GG Smart Baby Scale
Dimension	Approx 289.5 x 264.6 x 43 mm (Excluding the tray) Approx 609.7 x 294.5 x 84.5 mm (Tray expansion)
Net Weight	Approximately 2.3 kg (Excluding the drycells)
Display	Digital LCD
Measurement Unit	lb/lb.oz / kg
Measurement Range	66 lb ; 2.0 oz / 30 kg / 66.1 lb
Division	<18 lb (8.165 kg): 0.1 oz / 0.005 kg / 0.01 lb ≥ 18 lb & < 25lb (11.340 kg): 0.2 oz / 0.01 kg / 0.02 lb ≥ 25 lb (11.340 kg): 2 oz / 0.05 kg / 0.1lb
Accuracy	<10kg: ± 4 ‰; 10kg ± 0.04 kg; 20 kg ± 0.07 kg; 30 kg ± 0.1 kg
Working Environment	Temperature: 5°C to 40°C Relative Humidity: ≤90% RH Atmospheric pressure: 860 hPa to 1060 hPa
Storage Environment	Temperature: -20°C to 60°C Relative Humidity: ≤90% RH Atmospheric pressure: 500 hPa to 1060 hPa
Power Source	4 × AAA Batteries (DC 6V)
Accessories	1. GG Smart Baby Scale 2. 4 × AAA Batteries 3. Product Guide
Mode of Operation	Continuous Operation
Software Version	A01
Hardware Version	V1.0
Protection Against Ingress of Water	IP21 (The first number 2: Protected against solid foreign objects of 12.5 mm Φ and greater. The second number 1: Protection against vertically falling water drops.)
Degree of protection	Type BF applied part

Maintenance

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

- Clean the device after use.
- 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.
- Do not attempt to repair the device or replace components (e.g., transducers, LCD, etc.) by yourself. If you suspect incorrect operation, contact customer support for further assistance. At the request of authorized service personnel, circuit diagrams, component part lists, descriptions, and calibration procedures will be made available by the manufacturer or distributor.
- Do Not disassemble this device. If you have problems, contact customer support (Please refer to the section of "Warranty" for customer support information).
- No service and maintenance while in use.

Warranty

- GG 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.

FCC Statement

FCC ID: XXXXXXXX

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.

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.

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.

FCC Responsible Party

Name: MIO LABS INC.

Address: KCH, 575 Lexington Ave 14F New York, NY 10022

Telephone: 301-910-0529

E-mail: mio@transtekcorp.com

Appendix

Warning

The ME EQUIPMENT or ME SYSTEM is suitable for home healthcare environments.

- 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 GG Baby Scale, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

EMC Guidance

Guidance and manufacturer's declaration-electromagnetic emissions and Immunity.

Table 1

Guidance and manufacturer's declaration - electromagnetic emissions	
Emissions test	Compliance
RF emissions CISPR 11	Group 1
RF emissions CISPR 11	Class B
Harmonic emissions IEC 61000-3-2	Not applicable
Voltage fluctuations/flicker emissions IEC 61000-3-3	Not applicable

Appendix

Table 2

Guidance and manufacturer's declaration-electromagnetic immunity		
Immunity Test	IEC 60601-1-2 Test level	Compliance level
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air
Electrical fast transient/burst IEC 61000-4-4	Not applicable	Not applicable
Surge IEC 61000-4-5	Not applicable	Not applicable
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	Not applicable	Not applicable
Power frequency magnetic field	30 A/m 50 Hz/60 Hz	30 A/m 50 Hz/60 Hz
IEC 61000-4-8		
Conducted RF IEC 61000-4-8	Not applicable	Not applicable
Radiated RF IEC 61000-4-3	10 V/m 80 MHz-2.7 GHz 80% AM at 1 kHz	10 V/m 80 MHz-2.7 GHz 80% AM at 1 kHz
NOTE U T is the a.c. mains voltage prior to application of test level		

Appendix

Table 3

Guidance and manufacturer's declaration - electromagnetic immunity								
Radiated RF IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)	Test Frequency (MHz)	Band (MHz)	Service	Modulation	Maximum Power (W)	Distance (m)	IEC 60601-1-2 Test Level (V/m)	Compliance level (V/m)
	385	380-390	TETRA 400	Pulse modulation 18 Hz	1.8	0.3	27	27
	450	430-470	GMRS 460, FRS 460	FM ± 5 kHz deviation 1 kHz sine	2	0.3	28	28
	710	704-787	LTE Band 13, 17	Pulse modulation 217 Hz	0.2	0.3	9	9
	745							
	780							
	810		GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	2	0.3	28	28
	870							
	930							
	1720	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation 217 Hz	2	0.3	28	28
	1845							
	1970							
	2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	2	0.3	28	28
	5240	5100-5800	WLAN, 802.11 a/n	Pulse modulation 217 Hz	0.2	0.3	9	9
	5500							
	5785							