



Bluetooth Weight Scale

JPD-700A

User Manual

Shenzhen Jumper Medical Equipment Co., Ltd.

- Please read this User Manual carefully before using the product.

Date of compilation: April 2017 Version: A/0

Foreword

Thank you for purchasing the Jumper Bluetooth Weight Scale JPD-700A.

This product is intended to be used to measure body weight. It can be connected to a smart phone via Bluetooth, and the measured data will be transmitted to the phone synchronously. This means that users can check their weight anytime by opening the APP for weight management on their phone. This product helps users to develop good habits for diet management and exercise for the purposes of managing their weight.

Jumper reserves the copyright for this User Manual and no extraction or copying of the content herein is permitted without approval.

Contents

FCC Statement.....	1
Quick Use.....	2
Product Structural Components and Display.....	3
Unit Conversion.....	4
Instructions for Use.....	5-11
FAQs on Weight Measurement.....	12
Troubleshooting.....	13
Safety Caution.....	14
Description of Marks and Symbols.....	15
Cleaning and Maintenance.....	16
Technical Specifications.....	17-18

FCC Statement

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.

Notes:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

Quick Use

Using the scale alone

1. Place the scale on a hard and flat surface. Gently step on it and wait until it turns on when the LED displays digits. Then step off the scale and stand back on in an upright and steady position when the LED displays zero. See the picture below for the correct standing position.

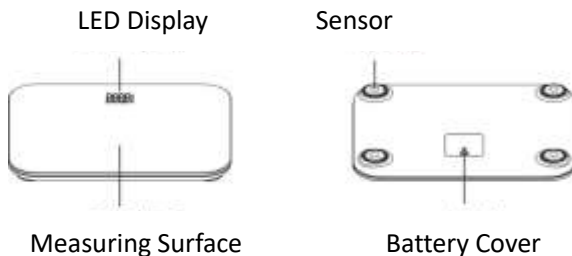


2. The weight value on the display will flash three times. Do not read it until it stabilizes.



Product Structural Components and Display

1. Product Structural Components



2. Display Interface

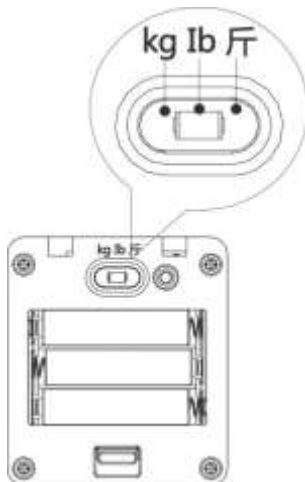


8888	Digital display
✱	Bluetooth
斤 lb kg	Weight units

Unit Conversion

Converting Weight Units

The factory default unit is kg. For unit conversion, open the battery cover at the back with the power off and adjust the gear toggle switch. The units available are kg, lb and jin (500g) from left to right. When the switch is placed at one of the gears, the displayed unit automatically switches to the corresponding weight unit after the scale is turned on.



※ The unit conversion toggle switch is located inside the battery case at the back of the scale.

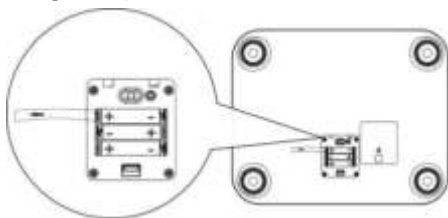
Instructions for Use

Pairing the Scale with the Mobile APP

1. Take out the insulation film

Open the battery cover at the back and pull out the insulation film. Close the cover and place the product on a hard and flat surface.

※ When replacing the batteries, please install three AAA batteries based on the position of positive and negative poles (alkaline AAA batteries are preferred)



2. Download the APP client

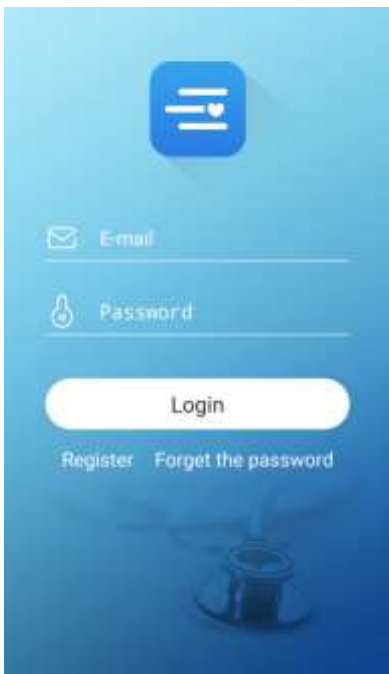
Scan the QR code to download and install the mobile client software: Android and ios users can scan the QR code on the product package or this page to download “JUMPER Health” and install it as instructed.



Instructions for Use

3. User registration and login

Open “JUMPER Health”, complete the user registration, and login as instructed. Enter your nickname, gender, date of birth and height as instructed.



Instructions for Use

4. Enter the Monitoring Page

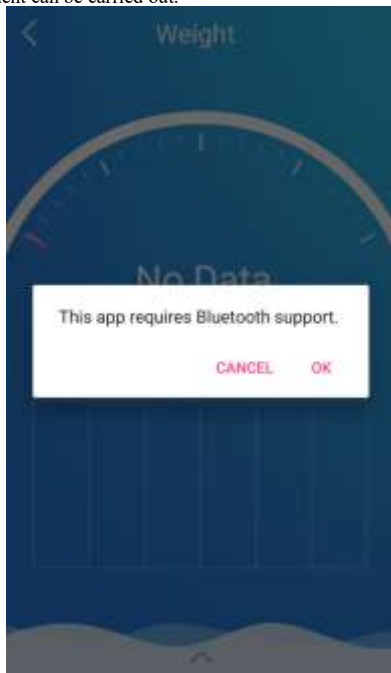
After the registration and login, click “Detection” at the bottom of the page, and then choose “Weight” to enter the weight monitoring module.



Instructions for Use

5. Bluetooth connection

Turn on mobile Bluetooth after receiving the prompt in the weight monitoring module and then stand on the scale. When the data stabilizes, your mobile phone will display the measured data. This means that the Bluetooth connection has been made and the measurement can be carried out.



Instructions for Use

Notes about Bluetooth connection:

※ Turning on Bluetooth: The software will prompt and assist you when activating mobile Bluetooth for the instrument connection, but iPhone and iOS users will need to turn on Bluetooth in their settings.

※ Opening “JUMPER Health” and registering your user account: The weight data received by the APP is saved automatically and the user’s identity is authenticated based on the account. Therefore, you will need to register for a user account and fill in your nickname, gender, date of birth and height. This will only be used for measurement. Please fill in accurate information to ensure the accuracy of the measurement.

※ “JUMPER Health” supports IOS 7.0 and later, Android 4.3.4 and later. These can be downloaded at APP markets such as APP STORE and Google Play for those smart phones, which should also be able to support Bluetooth 4.0 as well.

Instructions for Use

6. Standing on the scale for measurement

Stand on the scale surface to measure your weight. The measured data will automatically display on the mobile phone and your BMI will automatically be calculated based on your height and weight.



Instructions for Use

7. Checking the record

Check the record by clicking "Record". The daily measured data is automatically recorded in the tendency chart so users may check their weight anytime.



FAQs in Measuring Weight



Question: Why is there some deviation between the weight measurements every time?



Answer: Every time the scale turns on, it will automatically conduct a zero calibration procedure as the scale has its own weight. There will be some deviation when the scale is relocated or placed on uneven ground or when the user stands in different positions on the scale. Thus, when measuring your weight, please place the scale on a hard and flat surface, try to stand in the same position every time, and wait until the scale returns to zero before taking a measurement.

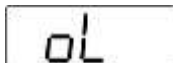
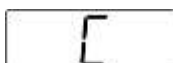


Question: Why is there deviation between weight measurements on the same day?



Answer: Body weight changes during the day due to factors like diet, strenuous exercises or excessive sweating. Thus, try to measure your weight at the same time every day.

Troubleshooting

Error	Cause	Solution
The LED display is not on or the scale will not turn on	Incorrect installation of batteries	Check to see if the poles of the batteries are correctly installed
	The batteries have run out of power	Replace with three new AAA batteries
	The weight being measured is less than 4.5kg, or it is directly measured without the scale being turned on	Press the scale and do not measure weight until the scale turns on and returns to zero. The minimum weight for turning on the scale is 4.5kg.
The mobile APP is not synced with the data	The mobile Bluetooth is not turned on	Properly connect the mobile phone to the scale
	Insufficient battery charge level	Replace the battery
	The weight being measured exceeds 180kg, which is beyond the limit of the scale	Use a scale with a larger capacity range
	The weight being measured is less than the lowest accepted weight of 3kg	Please only measure weights ranging from 3kg to 180kg

※ When the weight being measured falls within 0.2~2.9Kg, the scale flashes three times after stabilizing and then displays "C" before returning to zero.

Safety Caution



Caution

1. Do not use the product in a slippery place, like floors with smooth tiles or a wet and slippery floor
2. Do not stand on the edge of the product or jump on it
3. Do not stand on the product when your body is wet
4. Do not jump or deliver hard blows to the product
5. Please do not ask children to move the product
6. Those who cannot move freely should be assisted by others instead of measuring their weight by themselves



Warning

1. The product is intended to be used for measuring body weight and any other use is prohibited.
2. When the product stops working or expires, please follow the regulations of the local environmental protection authorities in terms of the disposal of waste and batteries and dispose of the product at a designated place to protect the environment and avoid pollution.
3. Those who have life sustaining medical devices implanted inside the body, such as cardiac pacemakers, are prohibited from using this product.
4. Please do not jump on the scale while measuring weight to prevent from falling injuries caused by falling off the scale.
5. Please do not use the product near equipment with strong electromagnetic interference as performance may be affected.
6. Do not disassemble, repair or modify the unit by yourself.

Description of Marks and Signs

Sign	Description
	Attention! Refer to the user manual.
	Waste electrical materials should be sent to a dedicated collection point for recycling.
	Bluetooth
	Recyclable
	Environmentally-friendly use period of 10 years

Cleaning and Maintenance

Cleaning

1. Please use a soft, dry cloth to clean the instrument and prevent internal water seepage. Never use any chemical detergents.
2. Wipe the scale's surface with a soft cloth or tissue; wipe the scale's body with a soft cloth wrung-out after being dipped in water or neutral detergent, and then wipe it dry with a dry cloth.
3. When cleaning the product, please do not soak it in water or allow any liquid to get inside.
4. Never use gasoline, volatile liquids, or strong acidic or alkaline detergents.

Maintenance and Storage

1. Store the instrument in a ventilated and dry place indoors when it is not being used.
2. As this product is a precision instrument, please operate it with caution and be careful to avoid shaking, dropping or vibrating the product.
3. The product must be repaired by an authorized maintenance center. Otherwise, the Warranty Card will no longer be valid.
4. Please take out the batteries when not using the product for a long period of time to prevent any damage to the instrument caused by battery leakage.
5. The battery quality depends on the battery and the product quality certification does not include any damage to the product caused by battery leakage.
6. Please do not place any object on the surface when the product is idle in order to prevent damage to the sensors.
7. Please keep the product away from heat, direct sunlight, dampness and sharp objects.

Technical Specifications

Technical Specifications

1. Accepted weight range: 3 kg-180 kg
2. Division value: 0.1kg
3. Accuracy: $\pm 0.2\text{kg}$
4. Weight unit: jin, lb, kg
5. Display: LED display
6. Sensor: four precision weight sensors
7. Auto power on when the scale is stepped-on, with a minimum weight of 4.5kg for turning it on, and auto power off in 10s with no measurement
8. Overload display, low voltage display
9. Power supply: three AAA batteries
10. Dimensions: 375mm*301mm*21.5 mm
LED display: 76mm*40mm
11. Net weight: 2.4kg
12. Operating Environment: Temperature: -10°C - 40°C , Relative humidity: $\leq 85\%\text{RH}$, Atmospheric pressure: 86kPa-106kPa
13. Storage and transportation: Temperature: -20°C - 60°C , Relative humidity $\leq 90\%\text{RH}$, Atmospheric pressure: 50kPa-106kPa

Technical Specifications

14. Bluetooth Technical Parameters

Frequency Range	2402-2480MHz
Modulation Type	GFSK
Frequency Tolerance	$\leq 20\text{ppm}$
Number of channel	40CH
Spurious Emission Limit	Refer to EN 300328

EU Compliance Statement:

The device complies with EU EMF Directive 1999/519/EC can be used in the European Community.

“Hereby, (Shenzhen Jumper Medical Equipment Co.,Ltd.) declares that this (Model: JPD-700A) is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.”



Note : The worst carrier frequency is 2402MHz and use a PCB antenna.

This device operates in 2402~2480MHz ,There are no restrictions of use in EU country.

RF Exposure:

This equipment complies with FCC's and Europe's RF radiation exposure limits set forth for an uncontrolled environment. The antenna(s) used for this transmitter must be installed and operated to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any

other antenna or transmitter. Installers must ensure that 20cm separation distance will be maintained between the device (excluding its handset) and users.



Product Name: Bluetooth Weight Scale

FCC ID: 2ADYL-JPD700A

Manufacturer: Shenzhen Jumper Medical Equipment Co., Ltd.

Address: D Building, No. 71, Xintian Road, Fuyong Street, Baoan, Shenzhen, Guangdong, China

Tel: +86-755-26696279

Fax: +86-755-26852025

Website: <http://www.jumper-medical.com>