

User Manual
Smart Body Scale
Model Name : BS4.0 Brand NameNantLife
FCC ID: OXJBS40

Smart Body Scale - User Guide

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1.1. *Introduction*

Thank you for choosing the NantLife Smart Body Scale. This monitor is one in a wide range of home healthcare products produced by NantLife.

This Instruction Manual will guide you through the setup procedures and outline the key features. Additional information on healthy living can be found on our website www.nantlife.com. NantLife products incorporate the latest clinical research and technological innovations.

Note : Read this Instruction Manual carefully and keep it handy for future reference.

With its unique wireless integrated technology, the NantLife Smart Body Scale enables you to perform first-class, comfortable body weight, body water %, and body fat % measurements. You have chosen the most up-to-date form of healthcare management. Measured values are transmitted automatically to a secured database via a Bluetooth-enabled mobile phone and/or the HBox® hub. You can access your Health Diary online anytime, anywhere.

CONNECT. CONTROL. SHARE.

Choose between 2 basic configurations:

- a) Smart Medical Home with the HBox®
- b) Mobile Health with your Bluetooth-enabled smartphone

The NantLife Smart Body Scale comes with the following components:

- Monitor with LCD display
- ON/OFF button
- Weight Mode Switch button (lb pounds – kg Kilograms)
- 4 extra carpet feet
- Maximum capacity: 180kg – 396lbs
- Step On feature
- Instruction Manual printed in English, *French and Spanish*
- Warranty card

Thank you for your trust; we are available at any time for service and product questions.

More Information at: www.NantLife.com

SAVE THESE INSTRUCTIONS

1.2. *Intended Use*

- NantLife Smart Body Scale is intended for home monitoring of body weight.
- Body Fat %, Body Water % and BMI can also be monitored when paired with a Bluetooth LE smartphone and/or the HBox hub.
- The NantLife Smart Body Scale is not intended to be a diagnostic device.
- Never change your medication on the basis of results you have obtained. The evaluation of the measurements and the treatment based on them may only be carried out by the treating physician.
- This Body Weight monitor is intended for adults and children (ages 7-17) with inactive to moderately active lifestyles and adults with athletic body types.
- Do not use this device for infants or person who cannot express their intention.

1.3. Safety Information

To assure the correct use of the Smart Body Scale, basic safety measures should always be followed including the warnings and cautions in this instruction manual.

1.3.1 Operating the device

Warnings!

Read all of the information in the instruction manual and any other instruction in the box before operating the thermometer. If you experience discomfort during a measurement- Remove the probe from your ear canal and stop using the device. Please contact NantLife Customer Service.

Recorded data may be lost if the unit is used incorrectly or is exposed to electrical power surges. NantLife takes no responsibility for any kind of loss caused by the loss of recorded data.

NantLife takes no responsibility for any kind of damage or loss caused by these units, or any kind of claim made by a third person.

Note : Body fat percentage estimates will vary with the amount of water in the body, and can be affected by dehydration or overhydration due to such factors as alcohol consumption, menstruation, illness, intense exercise, etc.

In addition, please note:

- Proper technique is crucial to getting accurate weight readings. **Please read this manual carefully before using the device.**
- Basic safety precautions should always be observed, especially when the Body Scale is used on or near children and disabled persons.
- Do not under any circumstances use the device in the bath or the shower. If, however, liquid get into the device, you must remove the batteries immediately and refrain from further use. Contact our service department (see front cover).
- The device may not be used near a nuclear magnetic tomographic resonance.
- Using components that are not part of the scope of delivery can produce faulty measurements (Exception: battery replacement).
- DO NOT subject the Body Scale to strong shocks such as dropping the unit on the floor.
- DO NOT damage the batteries. If battery fluid gets in your eyes, immediately rinse with plenty of clean water and contact a physician immediately.
- Keep away from source of fire and/or heat.
- Store the device in a clean, safe location.
- DO NOT disassemble the Smart Body Scale.
- DO NOT use the Body Scale in a MRI or CT environment.
- DO NOT use the Body Scale in the presence of flammable anesthetics.
- Explosion hazard: DO NOT use the Body Scale in an explosive atmosphere.
- Chemicals from OLED and LCD panels are toxic if ingested. Use caution if the Smart Body Scale display screen is broken.
- The Body Scale is intended only as an adjunct in patient assessment. It must be used in conjunction with other methods of assessing clinical signs and symptoms.

- Use only 1.5V alkaline batteries with this device. Other type of battery may damage the unit.
- Follow local ordinances and recycling instructions regarding disposal or recycling of the device components, including batteries.
- Only the authorized service personnel can repair this device.

1.3.2 Cautions

- Autoclaving, ethylene oxide sterilizing, or immersing the Body Scale in liquid may cause inaccurate measurements.
- Excessive user movement may cause inaccurate readings
- All NantLife devices are designed to be compliant with rules and regulations in locations they are sold and are labeled as required.
- Any changes or modifications to NantLife equipment, not expressly approved by NantLife void the user's authority to operate the device.

1.4 Before taking a Measurement

To ensure accuracy, readings should be taken without clothing and under consistent conditions of hydration. If you do not undress, always remove your socks or stockings, and be sure the soles of your feet are clean before stepping on the measuring platform.

Try to wait about three hours after rising, eating, or hard exercise before taking measurements. To monitor progress, compare weight and body fat percentage taken under the same conditions over a period of time.

Note : An accurate reading will not be possible if the soles of your feet are not clean, or if your knees are bent or you are in a sitting position. Stand straight.

1.4.1 Select the weight mode

Select the weight unit you want to use by using the switch on the back of the scale as shown in the figure. *Draw figure*

1.4.2 Positioning the Monitor

Place the measuring platform on a hard, flat surface where there is minimal vibration to ensure safe and accurate measurement (ideally bathroom tiles). *Draw Figure*

If you are using the Body Scale on carpet, install the 4 carpet feet provided with the Body Scale.

Note : To avoid possible injury, do not step on the edge of the platform.

1.4.3 Automatic shutdown function

The automatic shutdown function shuts off the power automatically in the following cases:

- After taking a measurement within 20 seconds
- If the measurement is interrupted; the power will shut down automatically within 20 seconds.
- If an extreme weight is put on the Body Scale

2. Operating Instructions

2.1. Know your NantLife Smart Body Scale

(goes with a drawing of the device numbered- circled numbers –VJ to do)

1. “ON/OFF” button
2. Weight Mode Switch
3. Bluetooth application

4. Batteries compartment on the underside
5. 4 carpet feet
6. LCD Screen Display or OLED
7. Body Fat Sensors

2.2. Unit Display

Illustration picture of the display

Weight Digits

Weight Units

Low battery indicator

Wireless Signal symbol

2.3. Display Symbols

Symbols	Operation	Measure/Solution
kg	Weight unit	Kilogram
lb	Weight unit	Pounds
	Batteries indicator, empty	Replace batteries
	Mobile Data transmission	Icon flash to indicate the status of Data transmitting.

2.4. Battery Installation

(Drawing of the batteries compartment open with batteries insertion)

1. Press the indicator on the battery cover and slide the cover off in the direction of the arrow.
2. Install 4 "AAA" size batteries so the + (positive) and the - (negative) match the polarities of the battery compartment.
3. Replace the battery cover

2.5. Battery Replacement

(image of low battery indicator)

When the low battery indicator appears on the display screen, turn off the monitor and remove all the batteries. Replace with new "AAA" 1.5V alkaline batteries. Reattach the battery cover.

WARNING: If battery fluid gets in your eyes, rinse with plenty of clean water and contact a physician immediately.

CAUTION: Dispose of the device and empty batteries according to applicable local regulations.

Unlawful disposal may cause environmental pollution.

2.6. Using the device

CAUTION: Read all the information in the instruction manual and any other documents in the box before operating the unit.

- Make sure the Body Scale is placed on a flat stable floor
- To capture Body fat % and Body Water %, the user must step on the scale with bare feet, no value will display on the LCD screen. The measurements will be sent via Bluetooth® to the user's virtual NantLife Health Diary.

2.7 Taking a measurement

1. Step on the Body Scale with parallel feet, feet hip wide apart
2. Stay without moving and without leaning on anything until the weight display start blinking
3. When the displayed value start blinking, step out of the scale, the measurement capture is complete and the result is sent automatically via Bluetooth®

Notes: The Body Scale will turn off automatically

2.8 Bluetooth Activation & Pairing

Before readings can be transmitted via your mobile phone or the HBox® to your Health Diary, the NantLife Smart Body Scale needs to be paired to your smartphone and/or to the HBox® hub. (If NantLife has already prepared the pairing of the device, go directly to 3.4 page..... "transmitting readings".

Pairing with SmartPhones:

Step 1: First, set up your mobile phone to receive data by Bluetooth (see your mobile phone user guide). If your phone is already activated, go to step 2.

Step 2: Step on the Body Scale to activate it. The display screen turns on. The device is activated.

Step 3: On your smartphone NantLife Application, hit the "Scan" button

Step 4: When the Body Scale icon is highlighted, select it to pair.

Caution: Your mobile phone must have a wireless Bluetooth LE??? Interface. While performing the measurements you must be close to the phone or HBox hub (max.10 meters away put equivalence in feet). You can find more information at www.nantlife.com

Pairing with HBox®: 3 easy steps

Step 1: Step on the Body Scale to activate it. The display screen turns on. The device is activated.

Step 2: Plug the HBox® in a wall electrical outlet. The LED green light turns on.

Step 3: Gently tap to pair the activated Body Scale with the HBox®. The LED yellow light on the hub will flash or a music will play to confirm pairing.

2.9 Data transmission

The measurements saved in the Body Scale are transmitted automatically to the Bluetooth® enabled smartphone and/or The HBox® hub.

The models of transmission include Realtime Bluetooth® transmission and Non-Realtime Bluetooth® transmission. After each measurement, the reading is transmitted automatically. The wireless sign flashes.

2.10 Using the portal and/or NantLife Applications

NantLife Health Management Portal and NantLife Application allow you to connect, control and share your vital signs with the persons of our choice on a secured Healthcare dedicated platform. You can access the NantLife Portal at www.NantLife.com and download for free the NantLife Application from the Apple store and Android Apps stores.

2.11 Evaluation by your care provider

Your vital signs are stored in your virtual NantLife virtual Health Diary. You can share them with your care providers, nurse, and family members. For more information on sharing, please go to www.NantLife.com

3 Care and Maintenance

3.7 Cleaning

Use alcohol or glass cleaner to clean the glass top (applied to a cloth first), do not use soaps.

If required, wipe the plastic casing with a damp cotton cloth only.

Do not use abrasive or volatile cleaners.

The Smart Body Scale is not water resistant. Never put the Smart Body Scale under a running tap or submerge it. Do not use abrasive cleaners.

3.8 Maintenance

- Do not attempt to disassemble the measuring platform.
- Store the unit horizontally, and place it so that the buttons will not be pressed accidentally.
- Avoid excessive impact or vibration to the unit.
- Place the unit in an area free from direct sunlight, heating equipment, high humidity, or extreme temperature change.
- Never submerge in water. Use alcohol or glass cleaner to clean the glass top (applied to a cloth first). Do not use soaps.
- Do not step on the platform when wet.
- Do not drop any objects onto the platform.
- Remove the batteries if the unit will not be used for three months or longer. Always replace all the batteries at the same time with new ones.
- Use the unit in a manner that is consistent with the user guide manual provided.

4 Troubleshooting

Description of Problem	Solution
No Power	Replace the batteries
No symbols appear on the screen	Check the batteries installation for proper placement of the polarities.
Battery symbol appears empty on the screen	Replace the batteries
Measurement values appear too high or too low	Make sure the Body Scale is properly placed on a flat floor. If the Body Scale is on carpet, install the specific carpet feet provided. If the problem persist, contact NantLife Customer Service.

5 FCC statement

POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for U.S.A. only)

This equipment has been tested and complies 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 when the equipment is operated in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the user guide manual, might cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the product does cause harmful interference to radio or television reception, which can be determined by turning the product on and off, the user is encouraged to try to correct the interference by one of the following actions:

- Reorient or relocate the receiving antenna
- Increase the separation between the product and the receiver
- Consult the dealer or an experienced radio/TV technician for help
- Plug the product (if relevant) in an outlet on a circuit different from that to which the receiver is connected

NantLife is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment. 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 might cause undesired operation.

POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for Canada only)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Canadian Department of Communications. Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrits dans la norme sur le matériel brouilleur: "Appareils Numériques", ICES-003 édictée par le ministre des communications.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to use the equipment.

6 CE mark

NantLife Smart Body Scale complies with the provisions of Council Directive 93/42/EEC of 14 June 1993 as well as national laws concerning medical devices.

NantLife Smart Body Scale complies with the provisions of Council Directive 99/5/EC(R&TTE). It carries the CE mark as proof of this.

This model complies with the provisions of the European Standard EN 60601-1:2006 Medical electrical equipment, Part 1: General requirements for safety; EN60601-1-2:2007 Medical electrical equipment-Part 1: General requirements for safety -2: Collateral standard- Electromagnetic compatibility-Requirement and tests.

7 Warranty

1. The Smart Body Scale is warranted to be free from defects in material and workmanship appearing within one year from the date of purchase when the monitor is used in accordance with the instructions provided with the thermometer. Proof of purchase must be supplied in the form of a correctly completed warranty card or a receipt. Include a \$5.00 for return shipping

and handling. Include a letter with your name, address, phone number, and description of the problem. Pack the product carefully to prevent damages during transportation.

2. Defects due to faulty material or workmanship will be repaired free of charge during the warranty period.
3. The warranty period is not extended as a result of warranty services being provided, either for the devices as a whole or for any components.
4. The warranty excludes:
 - Any damage caused by improper use, e.g. through failure to observe the operating instructions,
 - Damage caused by maintenance or interventions carried out by the purchaser or unauthorized third parties
 - Damage resulting from transport, either from the manufacturer to the consumer, or on the way to the customer services.
 - Component parts subject to normal wear and tear (cuff, batteries etc.)
5. Liability is excluded for direct or indirect damage caused by the device, even if the damage to the device falls within the terms of the warranty
6. The above warranty extends only to the original retail purchaser.
6. Unauthorized modification of the warranty card invalidates it.
7. NantLife shall not be liable for loss of use or any other incidental, consequential or indirect costs, expenses or damages.
8. To obtain warranty service contact NantLife for the address of the repair location. Call 1-855-NANTCARE or visit our website at www.NantLife.com

For Customer Service

Visit our website at www.NantLife.com

Call toll free at 1-855-NANTCARE

7 Specifications

Model	SBS 4.0	
Measuring range	10 to 180 kg	(22lbs to 396lbs)
Operating temperature range	+ 10°C to + 40°C	(+ 50°F to + 104°F)
Operating humidity	15 to 95% RH	
Storage temperature	-20°C to 60°C	(-4°F to 140°F)
Storage Humidity	15 to 95% RH	
Weight Units	Kg and lbs	
Accuracy	±0.1kg (0.2lbs)	

Memory Capacity	50 measurements
Bluetooth®	Bluetooth Class 2 v2.0, ~20m range in open area Bluetooth LE Class 4.0
Display	LCD
Operating elements	One switch for Bluetooth switch One switch for unit selection
Data transmission	Bluetooth Class II – Bluetooth Class 4
Power supply	3 alkaline 1.5V AAA batteries
Battery life	Approximately 300 uses starting with new alkaline batteries
Unit dimensions	350mm x 350mm x 22mm (00" x 00" x 00")
Weight	980g (35oz) not including batteries
UPC Code	0 00000 00000 0

Note: These specifications are subject to change without notice.

8 Manufacturer

Manufactured by NantCare LLC

Made in China

Distributed by NantCare LLC dba NantLife

2929 N 44th Street

Phoenix, Arizona 85018

Toll free phone 1-855-NANTCARE

www.NantLife.com

The manufacturer has calibrated the device for a period of two years. Metrological inspection and adjustment must take place of two years. Metrological inspection and adjustment is subject to a fee and can be carried out by NantLife, a responsible authority, or an authorized maintenance service.

NantLife certifies that:

The **NantLife Smart Body scale** meets the European Standard :EN 60601-1:2006 Medical electrical equipment, Part 1: General requirements for safety; EN60601-1-2:2007 Medical electrical equipment-Part 1: General requirements for safety -2: Collateral standard- Electromagnetic compatibility- Requirement and tests.

9 Manufacturer's electromagnetic guidelines

IMPORTANT REGULATORY INFORMATION

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 that is received, including any interference that may cause undesired operation.

WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.