

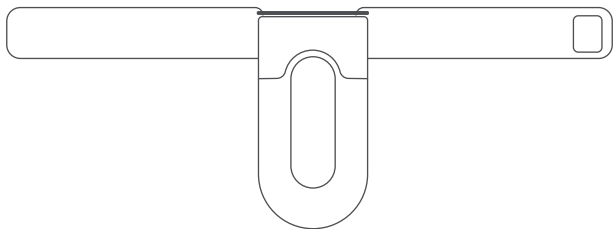
制作工艺:

80g书写纸; 骑马钉, 黑白印刷

尺寸: 95*147mm

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Babytone®



Baby Sleep Monitor

Contact us: service@getbabytone.com

Website: www.getbabytone.com

User Manual

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NOTICE

This product is not a medical device. It is not intended for use as a medical device or to replace a medical device. It does not and is not intended to diagnose, cure, treat, alleviate or prevent any disease or health condition or investigate, replace or modify anatomy or any physiological process. This product is only intended to assist you in tracking your baby's wellbeing and is not intended to replace you as a caregiver.

1 Tips for Safe Sleep

- Room-share instead of co-sleeping
- Place your baby alone and on their back to sleep.
- Use a firm sleep surface. Keep soft objects out of crib.
- Use a crib that meets safety standards. Do not use cradle for sleep.
- Don't use the monitor as an excuse for unsafe sleep.

2 Warnings and Cautions

- DO NOT twist the sensor and the wrap or apply excessive force on them.
- Do not use this device during MRI examination.
- Do not store the device in the following locations: locations in which the device is exposed to direct sunlight, high temperatures or levels of moisture, or heavy contamination; locations near to sources of water or fire; or locations that are subject to strong electromagnetic influences.
- Do not use the device in a combustible environment.
- Never submerge the device in water or other liquids.
- Do not clean the device with acetone or other volatile solutions.
- Do not drop this device or subject it to strong impact.
- The device and accessories are provided non-sterile.
- Do not place this device in pressure vessels or gas sterilization device.
- Do not dismantle the device, as this could cause damage or malfunctions or impede the operation of the device.
- Consult your doctor immediately if you experience symptoms that could indicate acute disease.
- Do not self-diagnose or self-medicate on the basis of this device

without consulting your doctor. In particular, do not start taking any new medication or change the type and/or dosage of any existing medication without prior approval.

- Use only cables, sensors and other accessories specified in this manual.
- Prolonged using may increase the risk of undesirable changes in skin characteristics, such as irritation, reddening, blistering or burns.
- Do not open the device cover without authorization. The cover should only be opened by a qualified service personnel.

3 Unpacking

- Device (main unit)
- Sensor cable
- Soft wraps
- User Manual
- Data/Charging Cable

4 Using the device and App

4.1 Download App

App name: **ViHealth**

iOS: **App Store**

Android: **Google Play**

Notice: if you have installed the App before, please update it to the latest version.

4.2 Charging

Charge the battery before using.

Connect the device to USB of computer or USB charging adapter with the supplied cable.

After fully charged, the device will power off automatically.

4.3 POWER ON/OFF

POWER ON:

Press the side button for 2 seconds.

POWER OFF:

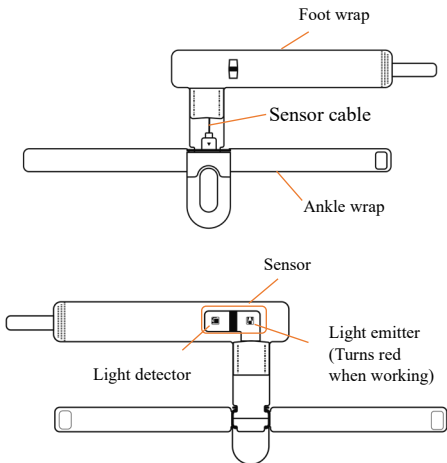
3 ways:

- Press the side button for 2 seconds.
- Unplug the sensor cable, it will power off automatically if not connected to phone for 2 minutes.
- Even with sensor cable connected, it will power off automatically if no working for 10 minutes.

4.4 Placement Guide before working

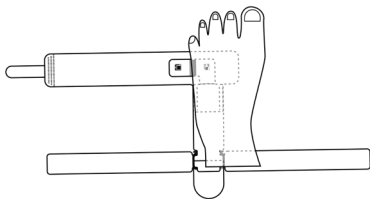
To ensure that the measurement is performed normally, please follow the steps below to wear the device.

1) Plug the sensor cable into the device

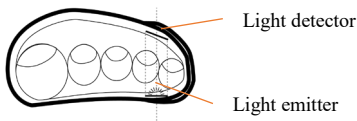


2) Secure the sensor

- A. Place the foot wrap on the foot (either foot works), with the sensor part running on the outside edge of the foot. The device should be oriented to the baby's leg.



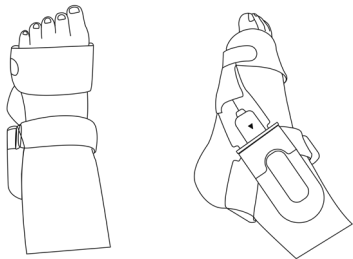
- B. Put the foot wrap around the foot and attach the velcro securely with no gap between the foot wrap and the baby's skin. **The light emitter and the light detector should be opposite to each other on the two sides of the foot.**



Note:

For the right foot, the Light Emitter should be on the top; for the left foot, the Light Emitter should be on the bottom.

- 3) **Put the ankle wrap around the ankle, attach the velcro to secure the device.**



4.5 Start working

After the placement, press the side button for 2 seconds to power on. There should be red light inside the soft wrap.

After a few seconds, readings will be displayed on the screen.

If the screen display “poor signal”, please check if the sensor has been positioned and secured properly.

When the above symbol displays on device screen, it indicates the readings is unavailable right now.

When at rest, there will be readings in a few seconds. If you can't get readings for a long time, it may be caused by:

- Improper sensor placement
- Frequent movement
- Foot is too cold

Notice:

- If the working time is less than 2 minutes, the data will not be saved.
- Motion may cause readings unavailable. Readings recover very soon at rest.
- Please avoid strong ambient light condition.

4.6 Stop working

Unplug the sensor cable, the countdown on the screen will begin.

During the countdown, if you plug the sensor cable again, the record will be resumed.

Notice:

- If the working time is less than 2 minutes, there will be no data saved
- If the device power off during working, the data should have been saved.

4.7 Screen wake up / change display

During measurement, the screen will go off automatically for saving power; you can press the side button to wake up the screen or change display.

4.8 Bluetooth Connection

The device Bluetooth will be enabled automatically after it's turned on.

To establish a Bluetooth connection,

- 1) Power on the device.
- 2) Make sure the phone Bluetooth is enabled.
- 3) Run the App.
- 4) Allow the App to use Bluetooth.

Notice:

- **DO NOT PAIR** in the settings of your smartphone.

4.9 Add a new device

For the initial use, you need to add a new device.

- 1) Turn on device, run App, select <Baby Sleep Monitor>.
- 2) Follow the App instruction to add the new device.

4.10 App Offline Mode | Multiple Devices

If you enter App Offline Mode, you can view history data, in App Settings->Select Device, you can select device **if you have multiple devices**. In this Mode, device is not connected so you cannot sync data or set device.

5 Maintenance

5.1 Time & Date

After connection with App, device time will sync from your phone time automatically.

5.2 Cleaning

Clear the wrap with water. Water temperature should be lower than 104°F (40°C)

Use a soft cloth moistened with water or alcohol to clean the device surface.








6 Troubleshooting

Problem	Possible Cause	Possible Solution
No readings on screen	the sensor is not positioned and secured properly	check if the sensor has been positioned and secured properly
	Baby is moving frequently	It will recover when at rest
Device does not turn on or no response	Battery may be low.	Charge battery and try again.
	Device might be damaged.	Please contact your local distributor.
The app cannot find the device	The Bluetooth of your phone is off.	Turn on the Bluetooth in the phone.
	The device Bluetooth is off.	Turn on device
	The App is not allowed to use Bluetooth	Allow the App to use Bluetooth
	For Android , Bluetooth cannot work without location permission	Allow location access

7 Specifications

Environmental	Operating	Storage
Temperature	5 to 40°C	-25 to 70°C
Relative humidity (noncondensing)	10% to 95%	10% to 95%
Barometric	700 to 1060hPa	700 to 1060hPa
Degree of dust & water resistance	IP22	
Weight	31g (main unit with band and sensor)	
Size	49×27×14 mm (main unit)	
Battery	3.7Vdc, Rechargeable Lithium-polymer	
Charge time	2-3 hours	
Battery life	16 hours for typical use	
Wireless	Bluetooth 4.0 BLE	
Heart Rate range	30 to 250 bpm	
Heart Rate accuracy	±2 bpm or ±2%, whichever is greater	
Data storage	4 sessions, up to 10 hours for each	
Mobile App for iOS	iOS 9.0 or above, iPhone 4s/ iPad 3 or above	
Mobile App for android	Android 5.0 or above, with Bluetooth 4.0 BLE	

8 Symbols

Symbol	Description
	Manufacturer
	Date of manufacture
SN	Serial number
	Indicates a device that is not to be disposed of as unsorted municipal waste.
	Follow Instructions for Use.
	MRI unsafe. Presents hazards in all MR environments as device contains strongly ferromagnetic materials.
IP22	Resistant to liquid ingress
	This product complies with the rules and regulations of the Federal Communication Commission.
	Non-ionizing radiation

FCC Statement

FCC Warning:

FCC ID: 2ADXX-1661

Any Changes or modifications not expressly approved by the party responsible for compliance 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 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



ViHealth



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Product name: Baby sleep monitor

Model: S1

PN: 255-05170-00

Version: A

Date: May. 2022

Babytone®