



WITHINGS WBS12 Body Comp Analysis Smart WiFi Scale User Guide

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WITHINGS

PRODUCT GUIDE



This guide explains how to use your Withings Body Comp. It applies to users in the United States of America.

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WBS12 Body Comp Analysis Smart WIFI Scale

Important notice

Before using Witlings Body Comp, review the information in this guide. You may also find this guide online at:

<https://www.withings.com/us/en/guides>

Retain this documentation for future reference.

Installation instructions are available within the Quick Start Guide provided with this user guide.

Please contact Witlings when in need of assistance, setting up, using or maintaining the device or to report unexpected operations or events.

Any serious incident related to the Witlings Body Comp should be reported to Witlings and competent authorities in your country of residence.

Disclaimer

Information in this guide may change without notice.



WITHINGS,

2 rue Maurice Hartmann,

92130 Issy-les-Moulineux, FRANCE

Intended Use (U.S. Regions)

Witlings Body Comp is a connected smart scale providing the following wellness features:

- measure weight
- calculate Body Mass Index (BMI)
- measure pulse rate
- estimate vascular age
- compute electrodermal activity score

Additionally, Witlings Body Comp is intended: to measure body composition for weight management purposes, and to maintain healthy levels of muscle, bone and fat mass, and encourage healthy living. It is intended for use in adults.



Warnings & safety notice

- Self-diagnosis and self-treatment can be dangerous.

Always consult your doctor in case of questions or doubts.

- Do not use the device if you have a cardiac pacemaker, an implantable cardioverter-defibrillator (ICD), or other implanted electronic devices.
- If you are pregnant, accuracy may be impacted for body composition analysis, electrodermal activity score, vascular age. Consult your doctor during pregnancy.
- Misuse of the device can cause injury.
- Do not step on the scale with wet feet. Potential allergic reactions may occur due to contact with materials used in the device.



Warnings & safety notice

- The device is not intended to continuously monitor vital signs in critical conditions or where the nature of the variations is such that it could result in immediate danger to the user.

- The device does not provide alarms.
- Keep away from children and pets. Small parts may be inhaled or swallowed.
- Exposing the device to prolonged lint, dust or light (including sunlight) may reduce its life or damage it.
- Inspect electrodes for warping, surface damage or corrosion and check for any other form of damage.
- Do not use the device if it is damaged. Use of a damaged device could cause injury or equipment failure.
- Do not submerge the scale or any of the components in water.
- Do not try to repair or modify this equipment yourself.

No service or repairs should be performed on the device other than the maintenance listed in this guide.

- Do not use accessories, detachable parts, or materials not described in the product guide.
- Avoid using the device on feet with poor skin integrity, such as cuts, wounds or damaged skin.
- No modification of this equipment is allowed.
- 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.
- 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 device, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.
- 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.
- Do not interconnect this equipment with other equipment not described in the product guide.
- Follow operational and storage conditions as described in the technical specifications section of this guide. Otherwise, measurement results may be impacted.

How to use Witlings Body Comp and take a first measurement

- Follow the information in the Quick Start Guide and in the Witlings application to set-up your device.
 - To wake up your device for the first time, please pull the tab in the battery cover. If there is no tab, press the power button for 3 seconds if needed. Once your product is installed and configured, it will appear in your Devices list in settings.
 - To take the first measurement, step on the scale with bare feet.
- Your name, or trigram (as configured in the Witlings application), will appear on the scale's screen at the end of the weight measurement: it means your scale has correctly identified you and the measurements sequence (as defined in the Witlings application) will follow.
- If it is not the case, the measurement will most likely appear in "Unknown Measurements" in the Witlings application. Please assign it to your user so that the scale can automatically recognize the user during the next weigh-in.

Troubleshooting — Witlings Body Comp

If you cannot fix the problem using the following troubleshooting instructions, please contact Witlings or go to: withings.com/support

Problems	Solutions
Scale does not wake up when I step on it .	– Make sure your Withings Body Comp has functional alkaline cells. Change them if necessary.
I'm having syncing issues with my scale.	<ul style="list-style-type: none"> – Make sure that your Withings Body Comp appears in Devices in the Withings application. If not, please install it. – Make sure your Withings Body Comp has functional alkaline batteries. Change the batteries if necessary. – If your Withings Body Comp is configured with Wi-Fi, make sure your router is plugged in, that your Wi-Fi is operational, and that the scale is in range of your router. – If necessary, reboot your scale by removing a battery. – If necessary, reboot your mobile phone.
I want to change the units of my scale (lb, kg, st lb).	<ul style="list-style-type: none"> – Press the button located on the back side of your scale. – Press the button again to make the arrow point towards the right unit. – Press the button once more and maintain it until the progress bar is complete.

Product Name: Withings Body Comp

Model: WBS12

Battery Life: 15 months typical use

Power Source: Four (4) alkaline cells – AAA

Heart Rate Measurement Range: 30 bpm to 230 bpm

Display: Color 2.86 inch LCD screen

Weight Withings Body Comp: 2.2kg

Operation time: 30 seconds


Parts in contact with the skin: Glass plate of the scale


Weight Units: Kilograms (kg), Pounds (lb), Stone (st lb)


Weight range: 5kg – 200kg | 11lb – 440lb | 1st – 31st

Electrodermal Activity Score measurement accuracy: <0.1%

Transport and storage conditions:


 -10°C (14°F) — 50°C (122°F)


 10% — 90%


 86kPa — 106kPa

Max altitude: 2000 m

Operation conditions:

 5 °C (41 °F) — 35 °C (95 °F)

 20 % — 80 %

 86kPa — 106kPa

Max altitude: 2000 m

IP Protection level: IP22

Mode of operation: Continuous Operation

Expected product life: 3 years

Wireless information

Wireless Specifications

Mode Frequency Band (MHz) Maximum Output Power (dBm)

BT LE	2402-2480	5 dBm
WLAN	2412-2462	16 dBm

The wireless communication of the Witlings Body Comp is supported by BLE and WIFI communication. This communication is established between the Witlings Body Comp and the Witlings application. The communication between the Witlings Body Comp and the Witlings application is encrypted through an exchange of a paired key. The communication latency between the Witlings Body Comp and the Witlings application takes less than 10 seconds when the Witlings Body Comp and the smartphone are less than 16 feet (5 meters) apart.

The communication between the Witlings Body Comp and the Witlings application is not modified with sources of interference located within 5 meters. Wireless coexistence has been tested in accordance with the following standards:

- ANSI C63.27:2017 and,
- AAMI TIR69:2017/(R2020)

Electromagnetic disturbances have been tested in accordance with the standard ANSI AAMI IEC 60601-1-2:2014.

Cleaning, Maintenance and Storage

Cleaning and maintenance the Witlings Body Comp

- It is recommended to clean the glass plate of the scale before each measurement.
- Use only a cloth dampened with warm water to clean your scale.

The use of any detergents or cleaners may cause irreversible damage to the conductive coating on top of the glass plate.

- Do not use the device while doing cleaning and maintenance operations.

Storage

- Store the device in a clean and safe location between use.
- If storage conditions are different from the operating conditions indicated in the technical specifications, wait 30 minutes before taking a measurement.

Safety and performance

RF Statement

Medical electrical equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the accompanying documents. Portable and mobile RF communications equipment can affect medical electrical equipment.

Guidance and manufacturer's declaration-electromagnetic emissions

Witlings Body Comp is intended for use in the electromagnetic environment specified below. The customer or the user of the Witlings Body Comp should ensure that it is used in such an environment.

Emissions Test	Compliance	Electromagnetic environment – guidance
CE emissions C ISPR11	Group 1	Witlings Body Comp uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RE emissions C ISPR11	Class B	
Harmonic emissions IEC 61000-3-2	N/A	Witlings Body Comp is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Voltage fluctuations/Flicker emissions IEC 61000-3-3	N/A	

Declaration: electromagnetic emissions and immunity for equipment and systems that are not life-supporting and are specified for use only in a shielded location.

Declaration – electromagnetic immunity

Witlings Body Comp is intended for use in the electromagnetic environment specified below.

The customer or the user of the Witlings Body Comp should ensure that it is used in such an environment.

Immunity test	IEC 60601 Test Level	Compliance Level	Electromagnetic environment – guidance
Conducted RF Emission EC 61000-4-6	3 Vrms 150kHz to 80MHz	N/A	N/A
Radiated RF Emission EC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	N/A	Portable and mobile RF communications equipment should be used no closer to any part of the equipment or system including cables than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Interference may occur in the vicinity of equipment marked with the following symbol: 1)10 .
Electrostatic discharge (ESD) EC 61000-4-2	Contact: ± 8 kV Air: ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV	Contact: ± 8 kV Air: ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV	Floors should be wood, concrete, or ceramic tile . If floors are covered with synthetic material the relative humidity should be at least 30%.
Electrical fast transient/burst EC 61000-4-8	2 kV for power supply lines 1 kV for input/output lines	N/A	The main power quality should be of the kind used in a typical commercial or hospital environment
Surge IEC 61000-4-5	1 kV differential mode 2 kV common mode	line(s) to line(s): ± 1 kV	The main power quality should be of the kind used in a typical commercial or hospital environment
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	-5% UT (95% dip in UT) for 0.5 cycles, -40% UT (60% dip in UT) for 5 cycles, -70% UT (30% dip in UT) for 25 cycles. -5% UT (95% dip in UT) for 5 sec	N/A	The main power quality should be of the kind used in a typical commercial or hospital environment. If the user of the equipment or system requires continued operation during power main interruptions, it is recommended that the equipment or system be powered from an uninterruptible power supply or a battery.
Magnetic field (50/60Hz) Magnetic field IEC 61000-4-8	30 A/m 50 Hz or 60 Hz	30 A/m 50 Hz or 60 Hz	The power frequency magnetic field should be at levels characteristic of a typical location in a typical commercial or hospital environment.

Federal Communication Commission interference 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.

FCC Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

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.

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Country Code selection feature to be disabled for products marketed to the US/CANADA

Disposal

Actuation of European directive 2012/19/EU, for reduction in use of dangerous substances in the electric and electronic device and for garbage disposal. The symbol applied on the device or its packaging means that at the end of its useful life, the product should not be disposed of with domestic waste. At the end of the device's useful life, the user must deliver it to a collection center for electric and electronic garbage, or return it to the retailer when purchasing a new device. Disposing of the product separately prevents possible negative environmental and health consequences deriving from inadequate disposal.

It also allows the recovery of materials it is composed of to save energy and resources and avoid negative effects to the environment and health. In case of abusive disposal of devices by the user, will be applied administrative endorsemints in compliance with current standards. The device and its parts must be disposed of as appropriate, in accordance with national or regional regulations.

Warranty Witlings™ Two (2) Years Limited Warranty – Witlings Body Comp Witlings, 2 rue Maurice Hartmann, 92130 Issy-les-Moulineux, («Witlings») warrants the Witlings-branded hardware product («Witlings Product») against defects in materials and workmanship when used normally in accordance with Witlings' published guidelines for a period of TWO (2) YEARS from the date of original retail purchase by the end-user purchaser («Warranty Period»). Witlings' published guidelines include but are not limited to information contained in technical specifications, safety instructions or the quick start guide. Witlings does not warrant that the operation of the Witlings Product will be uninterrupted or error-free.

Witlings is not responsible for damage arising from failure to follow instructions relating to the Witlings Product's use.



Need help?

withings.com/support

Security

Witlings recommends that you add a passcode (personal identification number [PIN]), Face ID or Touch ID (fingerprint) to your phone to add a layer of security. It is important to secure your phone since you will be storing personal health information. Users will also receive additional update notifications on the device via the Witlings application, and updates are delivered wirelessly, encouraging rapid adoption of the latest security fixes. Do not install the device on a smartphone that you do not own. Do not use a public Wi-Fi network you don't know. Use a trusted Wi-Fi network with your device.

The Witlings application is not intended to be used on a computer.

No indication of anti-virus software is needed.

Only use official app stores to download the Witlings application. In case of doubt, use the link go.withings.com.

Equipment Symbol Description



Do not dispose of this product as unsorted municipal waste, take it to electronic recycling.



Read the Instruction Manual before use



Direct Current




1282

The CE labeling certifies that the product complies with the general safety and performance requirements of Regulation 2017/745

 Medical device

 Medical device manufacturer


 Temperature range

 Upper and lower limits of pressure

 Upper and lower limits of relative humidity

IP22 Ingress of water or particulate matter

 Type BF-Applied Part (glass plate)


 Do not use if package is damaged and consult instructions for use

 Caution


 Regulatory Compliance mark

 Complies with FCC regulations

 Unique device identifier

 Serial number

 FSC

 Importer

 Swiss Authorized Representative

Australian sponsor

Emergo Australia

Level 20, tower II, Darling Park, 201 Sussex Street, Sydney, NSW 2000, Australia

UK Responsible Person

Emergo Consulting (UK) Ltd c/o Cr360 – UL International Compass House, Vision Park Hitson

Cambridge CB24 9BZ

United Kingdom

USER GUIDE

NON U.S. REGIONS

This guide explains how to use your Witlings Body Comp It applies to users in Europe, United Kingdom, Switzerland, Australia, New Zealand and Hong Kong.

Important notice

Before using Witlings Body Comp, review the information in this guide. You may also find this guide online at:

<https://www.withings.com/guides>

Retain this documentation for future reference.

Installation instructions are available within the Quick Start Guide provided with this user guide.

Please contact Witlings when in need of assistance, setting up, using or maintaining the device or to report unexpected operations or events.


Any serious incident that has occurred in relation to the Witlings Body Comp should be reported to Witlings and competent authorities in your country of residence.

Disclaimer

Information in this guide may change without notice.

 **WITHINGS,**

2 rue Maurice Hartmann,

92130 Issy-les-Moulineux, FRANCE  1282

Intended Use (Non U.S. Regions)

Win things Body Comp is a connected smart scale providing the following features without medical purposes:

– measure weight

- calculate Body Mass Index (BMI)
- measure body composition
- measure pulse rate
- measure pulse wave velocity
- estimate vascular age

Additionally, Witlings Body Comp is intended to detect and follow-up peripheral autonomic neuropathies in an adult population by performing measurements on the feet, on intact skin or in the presence of damaged skin, such as, but not limited to, blisters, callosities or wounds.

Contraindications

Do not use the device if you have a cardiac pacemaker, an implantable cardioverter-defibrillator (ICD), or other implanted electronic devices.



Warnings & safety notice

- Self-diagnosis and self-treatment can be dangerous. Always consult your doctor in case of questions or doubts.
- If you are pregnant, accuracy may be impacted for body composition analysis, Nerve Health Score, vascular age. Consult your doctor during pregnancy.
- Misuse of the device can cause injury.
- Do not step on the scale with wet feet. Potential allergic reactions may occur due to contact with materials used in the device.
- The device is not intended to continuously monitor vital signs in critical conditions or where the nature of the variations is such that it could result in immediate danger to the user.
- The device does not provide alarms. – Keep away from children and pets. Small parts may be inhaled or swallowed.
- Exposing the device to prolonged lint, dust or light (including sunlight) may reduce its life or damage it.
- Inspect electrodes for warping, surface damage or corrosion and check for any other form of damage.
- Do not use the device if it is damaged. Use of a damaged device could cause injury or equipment failure.
- Do not submerge the scale or any of the components in water.
- Do not try to repair or modify this equipment yourself. No service or repairs should be performed on the device other than the maintenance listed in this guide.
- Do not use accessories, detachable parts, or materials not described in the product guide.
- 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.
- 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 device, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.
- 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. – Do not interconnect this equipment with other equipment not described in the product guide.
- Follow operational and storage conditions as described in the technical specifications section of this guide. Otherwise, measurement results may be impacted.
- Avoid using the device on feet with poor skin integrity, such as cuts, wounds or damaged skin.
- No modification of this equipment is allowed.
- The use of medication with anticholinergic agents may impact Nerve Health Score results. Ask your doctor about the medications you take if you are not sure whether they have anticholinergic properties.
- Drinking alcohol 24 hours prior to taking a measurement may affect the results of the Nerve Health Score.
- Measurement results may be impacted in case of lower limb amputation.

How to use Witlings Body Comp and take a first measurement

- Follow the information in the Quick Start Guide and in the Witlings application to set-up your device.
- To wake up your device for the first time, please pull the tab in the battery cover. If there is no tab, press the power button for 3 seconds if needed. Once your product is installed and configured, it will appear in your Devices list in settings.
- To take the first measurement, step on the scale with bare feet. Your name, or trigram (as configured in the

Witlings application), will appear on the scale's screen at the end of the weight measurement: it means your scale has correctly identified you and the measurements sequence (as defined in the Witlings application) will follow.

- If it is not the case, the measurement will most likely appear in “Unknown Measurements” in the application. Please assign it to your user so that the scale can automatically recognize the user during the next weigh-in. .

What is a Nerve Health Score?

How Withings Body Comp obtains a Nerve Health Score

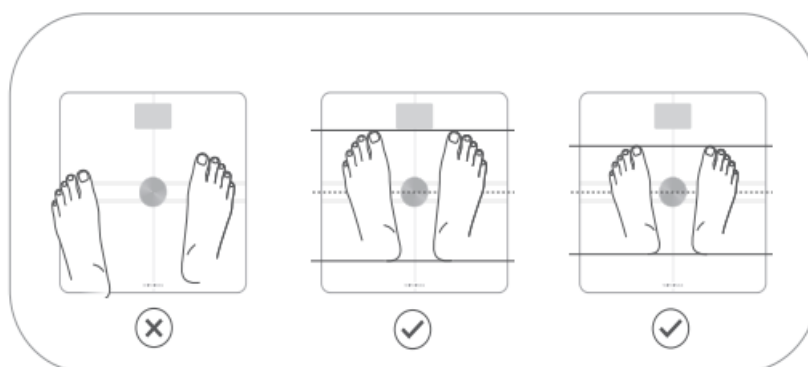
- The Nerve Health Score is based on a Galvanic Skin Response measurement which consists of a chronoamperometric measurement of the feet. It provides an accurate evaluation of sweat gland function, also called sudomotor function.
- Withings Body Comp measures the ability of the sweat glands to release chloride ions in response to an electrical stimulus on the soles of the feet, the area with the highest sweat gland density.
- The measurement focuses on small nerve fibers that innervate the sweat glands. The degeneration of these small nerve fibers reduces sweat gland innervation and impairs the sudomotor function.

Taking a Nerve Health Score

Measurement

How to get a Nerve Health Score:

- Make sure the Withings Body Comp is on a stable floor, and that you have activated and enabled a Nerve Health Score measurement in the Witlings application.
- Step on the scale with bare feet. Make sure your feet are clean and well positioned on the electrodes.
- Withings Body Comp will give you a final Nerve Health Score at the end of each month. The reading might be inconclusive if we were not able to accurately assess your score. We might invite you to take a Guided Scan measurement in specific conditions in order to get a result. To get the most accurate measurements always take the Nerve Health Score measurements in the conditions described in the Guided Scan.

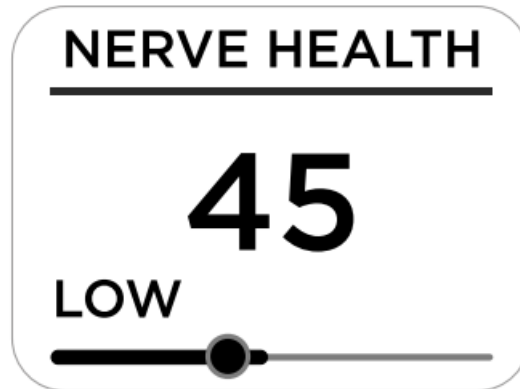


Nerve Health Score Outputs and interpretations

Signs of Neuropathy

Your Nerve Health Score is lower than average. This may be a sign of peripheral neuropathy, or damage to the nerves in your feet. To better understand if you are at risk for peripheral neuropathy, talk with a healthcare professional. Always consult your doctor before making any medical decisions. You can help keep your nerves healthy by taking care of your overall health. This includes proper hydration, healthy eating, getting regular physical activity, getting enough restful sleep and working with your doctor to manage any health issues that you may have.

Results on the device

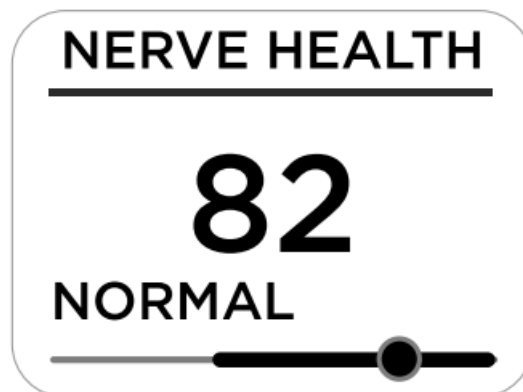


Normal

Your Nerve Health Score is normal.

You can help keep your nerves healthy by taking care of your overall health. This includes proper hydration, healthy eating, getting regular physical activity, getting enough restful sleep and working with your doctor to manage any health issues that you may have.

Results on the device



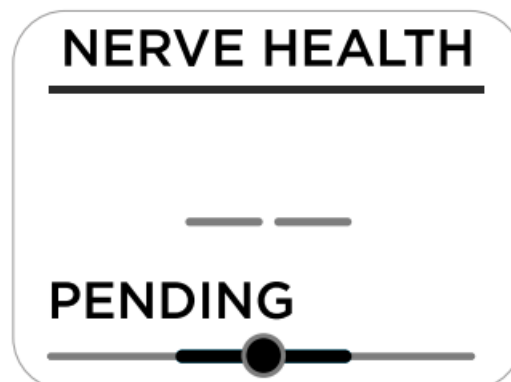
Pending

The reading might be pending if we are not able to accurately assess your score.

We might invite you to take a Guided Scan measurement in specific conditions in order to get a result.

To get the most accurate measurements always take the Nerve Health Score measurements in the conditions described in the Guided Scan.

Results on the device



Troubleshooting — Witlings Body Comp

If you cannot fix the problem using the following troubleshooting instructions, please contact Witlings or go to: withings.com/support

Problems	Solutions
Scale does not wake up when I step on it.	– Make sure your Withings Body Comp has functional alkaline cells. Change them if necessary.
I'm having syncing issues with my scale.	<ul style="list-style-type: none"> – Make sure that your Withings Body Comp appears in Devices in the Withings application. If not, please install it. – Make sure your Withings Body Comp has functional alkaline cells. Change them if necessary. – If your Withings Body Comp is configured with Wi-Fi, make sure your router is plugged in, that your Wi-Fi is operational, and that the scale is in range of your router. – If necessary, reboot your scale. Press and hold the button of your scale for 20 seconds. – If necessary, reboot your mobile phone.
I want to change the units of my scale (lb, kg, st lb).	<ul style="list-style-type: none"> – Press the button located on the back of your scale. – Press the button again to make the arrow point towards the right unit. – Press and hold the button until the progress bar reaches the right edge of the screen.

Technical specifications

Product Name: Withings Body Comp

Model: WBS12

Battery Life: 15 months typical use

Power Source: Four (4) alkaline cells – AAA

Heart Rate Measurement Range: 30 bpm to 230 bpm

Display: Color 2.86inch LCD screen

Device weight: 2.2kg

Operation time: 30 seconds


Parts in contact with the skin: Glass plate of the scale


Weight Units: Kilograms (kg), Pounds (lb), Stone (st lb)


Weight range: 5kg – 200kg | 11lb – 440lb | 1st – 31st

Nerve Health Score measurement accuracy: <0.1%

Transport and storage conditions:


 -10°C (14°F) — 50°C (122°F)


 10% — 90%


 86kPa — 106kPa

Max altitude: 2000m

Operation conditions:

 5°C (41°F) — 35°C (95°F)

 20% — 80%

 86kPa — 106kPa

Max altitude: 2000m

IP Protection level: IP22

Mode of operation: Continuous Operation

Expected product life: 3 years

Wireless information

Wireless Specifications

Mode	Frequency Band (MHz)	Maximum Output Power (dBm)
BT LE	2402-2480	5 dBm
WLAN	2412-2472	16 dBm

The wireless communication of the Witlings Body Comp is supported by BLE and Wi-Fi communication. This communication is established between the Witlings Body Comp and the Witlings application. The communication between the Witlings Body Comp and the Witlings application is encrypted through an exchange of a paired key. The communication latency between the Witlings Body Comp and the Witlings application takes less than 10 seconds when the Witlings Body Comp and the smartphone are less than 16 feet (5 meters) apart.

The communication between the Witlings Body Comp and the Witlings application is not modified with sources of interference located within 5 meters. Wireless coexistence has been tested in accordance with the following standards:

- ANSI C63.27:2017 and,
- AAMI TIR69:2017/(R2020)

Electromagnetic disturbances have been tested in accordance with the standard IEC 60601-1-2:2014.

Cleaning, Maintenance and Storage

Cleaning and maintenance the Witlings Body Comp

- It is recommended to clean the glass plate of the scale before each measurement.
- Use only a cloth dampened with warm water to clean your scale.

The use of any detergents or cleaners may cause irreversible damage to the conductive coating on top of the glass plate.

- Do not use the device while doing cleaning and maintenance operations.

Storage

- Store the device in a clean and safe location between use.
- If storage conditions are different from the operating conditions indicated in the technical specifications, wait 30 minutes before taking a measurement.

Europe – EU Declaration of Conformity

Witlings hereby declares that the device Witlings Body Comp is in conformity with the essential requirements and other relevant requirements of the applicable EU Directives and Regulations. The full text of the EU declaration of conformity can be found at: withings.com/compliance



Safety and performance

Witlings Body Comp contributes to an early detection of peripheral autonomic neuropathy. It facilitates patient screening and helps physicians treat the disease earlier and thus attenuate the impact of the disease on the population. It allows users to monitor disease advancement or regression. It also increases awareness of physiological conditions in the general user population. Witlings Body Comp's ability to accurately measure Electrochemical Skin Conductance (ESC), also known as Galvanic Skin Response (GSR), was validated in a clinical study by comparison with a reference device, the Suboscine. The mean difference (resp. standard deviation of paired differences) was 1.6 (resp. 3.5).

RF Statement

Medical electrical equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the accompanying documents. Portable and mobile RF communications equipment can affect medical electrical equipment

Guidance and manufacturer's declaration-electromagnetic emissions

Witlings Body Comp is intended for use in the electromagnetic environment specified below. The customer or the user of the Witlings Body Comp should ensure that it is used in such an environment.

Emissions Test	Compliance	Electromagnetic environment – guidance
CE emissions CISPR11	Group 1	Witlings Body Comp uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RE emissions CISPR11	Class B	
Harmonic emissions IEC 61000-3-2	N/A	Witlings Body Comp is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Voltage fluctuations/Flicker emissions IEC 61000-3-3 N/A		

Declaration: electromagnetic emissions and immunity for equipment and systems that are not life-supporting and are specified for use only in a shielded location.

Declaration – electromagnetic immunity

Witlings Body Comp is intended for use in the electromagnetic environment specified below.

The customer or the user of the Witlings Body Comp should ensure that it is used in such an environment.

immunity test	IEC 60601 Test Level	Compliance Level	Electromagnetic environment – guidance
Conducted RF EC 61000-4-6	3 Vims 150kHz to 80MHz	N/A	N/A
Radiated RF EC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	N/A	Portable and mobile RF communications equipment should be used no closer to any part of the equipment or system including cables than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Interference may occur in the vicinity of equipment marked with the following symbol: W40.
Electrostatic discharge (ESD) IEC 61000-4-2	Contact: ± 8 kV Air: ± 2 kV. ± 4 kV. ± 8 kV. ± 15 kV	Contact: ± 8 kV Air: ± 2 kV. ± 4 kV. ± 8 kV. ± 15 kV	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material the relative humidity should be at least 30%.
Electrical fast transient/burst IEC 61000-4-8	2 kV for power supply lines 1 kV for input/output lines	N/A	The main power quality should be of the kind used in a typical commercial or hospital environment
Surge IEC 61000-4-5	1 kV differential mode 2 kV common mode	line(s) to line(s): ± 1 kV	The main power quality should be of the kind used in a typical commercial or hospital environment
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	-5% UT (95% dip in UT) for 0.5 cycles. -40% UT (60% dip in UT) for 5 cycles. -70% UT (30% dip in UT) for 25 cycles. -5% UT (95% dip in UT) for 5 sec	N/A	The main power quality should be of the kind used in a typical commercial or hospital environment. If the user of the equipment or system requires continued operation during power main interruptions, it is recommended that the equipment or system be powered from an uninterruptible power supply or a battery.
Power frequency (50/60Hz) magnetic field IEC 61000-4-8 L	30 A/m 50 Hz or 60 Hz ..	30 A/m 50 Hz or 60 Hz a.	The power frequency magnetic field should be at levels characteristic of a typical location in a typical commercial or hospital environment. .

Disposal

Actuation of European directive 2012/19/EU, for reduction in use of dangerous substances in the electric and electronic device and for garbage disposal. The symbol applied on the device or its packaging means that at the end of its useful life, the product should not be disposed of with domestic waste. At the end of the device's useful life, the user must deliver it to a collection center for electric and electronic garbage, or return it to the retailer when purchasing a new device. Disposing of the product separately prevents possible negative environmental and health consequences deriving from inadequate disposal. It also allows the recovery of materials it is composed of to save energy and resources and avoid negative effects to the environment and health. In case of abusive disposal of devices by the user, will be applied administrative endorsements in compliance with current standards. The device and its parts must be disposed of as appropriate, in accordance with national or regional regulations.

Warranty

Witlings™ Two (2) Years Limited Warranty – Witlings Body Comp Witlings, 2 rue Maurice Hartmann, 92130 Issy-les-Moulineaux, («Witlings») warrants the Witlings-branded hardware product («Witlings Product») against defects in materials and workmanship when used normally in accordance with Witlings' published guidelines for a period of TWO (2) YEARS from the date of original retail purchase by the end-user purchaser («Warranty Period»). Witlings' published guidelines include but are not limited to information contained in technical specifications,

safety instructions or the quick start guide. Witlings does not warrant that the operation of the Witlings Product will be uninterrupted or error-free. Witlings is not responsible for damage arising from failure to follow instructions relating to the Witlings Product's use.



Need help?

withings.com/support

Security

Witlings recommends that you add a passcode (personal identification number [PIN]), Face ID or Touch ID (fingerprint) to your phone to add a layer of security. It is important to secure your phone since you will be storing personal health information. Users will also receive additional update notifications on the device via the Witlings application, and updates are delivered wirelessly, encouraging rapid adoption of the latest security fixes. Do not install the device on a smartphone that you do not own. Do not use a public Wi-Fi network you don't know. Use a trusted Wi-Fi network with your device. The Witlings application is not intended to be used on a computer. No indication of anti-virus software is needed. Only use official app stores to download the Witlings application. In case of doubt, use the link go.withings.com.

Equipment Symbol Description



Do not dispose of this product as unsorted municipal waste, take it to electronic recycling.



Read the Instruction Manual before use



Direct Current



1282 The CE labeling certifies that the product complies with the general safety and performance requirements of Regulation 2017/745



Medical device



Medical device manufacturer



Temperature range



Upper and lower limits of pressure



Upper and lower limits of relative humidity

IP22 Ingress of water or particulate matter



Type BF-Applied Part (glass plate)



Do not use if package is damaged and consult instructions for use



Caution



Regulatory Compliance mark



Complies with FCC regulations



Unique device identifier



Serial number



FSC



Importer



Swiss Authorized Representative





<https://www.withings.com/guides>

Australian sponsor
Emergo Australia Level 20,
tower II, Darling Park, 201
Sussex Street, Sydney, NSW 2000, Australia
UK Responsible Person
Emergo Consulting (UK) Ltd
c/o Cr360 – UL International
Compass House, Vision Park
Hitson Cambridge CB24 9BZ
United Kingdom

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Documents / Resources

	WITHINGS WBS12 Body Comp Analysis Smart WiFi Scale [pdf] User Guide 928371, 928370, WBS12 Body Comp Analysis Smart WiFi Scale, WBS12, Body Comp Analysis Smart WiFi Scale, Analysis Smart WiFi Scale, Smart WiFi Scale, WiFi Scale, Scale
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References

-  [Withings app](#)
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