

InBody970

User's Manual **USA**

InBody970 User's Manual for Measurement Guide and Setup

Thank you for purchasing the InBody970. This user's manual describes all the features of the InBody970.

Please read before use and keep it in a safe place. By following properly these instructions, you will be able to use the InBody970 more safely and effectively.

Intended Purpose

The device should be used as an adjunct for clinical decision making and is not intended to diagnose or treat any diseases.

Intended Use and Medical Indication

InBody970 is mainly used for healthy and acute or chronically ill populations in hospitals, medical practices and inpatient care facilities in accordance with national regulations. It can be used to assist in the assessment of nutritional status, obesity and muscle balance. Body composition analysis is important in changing the daily life style habits of a subject since it provides the basis of appropriate physical activity and dietary habits for improving personal daily routine. It can be also usefully applied to follow-up studies of patients who have been treated for various diseases.

- Medical checkups: Body composition analysis enables health checkups by identifying the risk of diseases closely related to body composition imbalances such as obesity, malnutrition, body water imbalance, and osteoporosis.
 - Obesity: Percent body fat is considered to be more appropriate parameter rather than BMI to ensure proper weight loss and improvements in long-term health, tracking changes for adjusting/developing customized treatments.
 - Pediatric obesity: Body composition analysis is an essential part of health assessments for children and adolescents. Percent body fat could be a useful parameter than just weight to verify health condition in children and adolescents.
 - Sarcopenia: InBody Test is a quick and easy way to provide the Skeletal Muscle mass Index (SMI), which is the sum of the skeletal muscle mass of the limbs divided by the height square. This parameter is useful for identifying muscle loss or low muscle that increase risks of falls, disability, poor quality of life, and premature death.
 - Diabetes & Endocrinology: Diabetes is often associated with excess fat, however having insufficient muscle mass is just as detrimental and increases diabetes risk. Visceral fat also plays a key role in the development of metabolic and cardiovascular disease.
 - Edema: The ECW Ratio (ECW/TBW) is associated with residual renal failure, inflammation, malnutrition, and hypertension, which are common in dialysis patients. Monitoring the ECW Ratio (ECW/TBW) allows the assessment of body water accumulation in the extracellular water due to impaired cardiovascular function. Even in cirrhosis, patients with high ECW Ratio can be used to recognize the risk of ascites, and have a high prognosis in critically ill or surgical patients.
 - Segmental ECW Ratio: InBody directly & separately measures each segment of the body and provides each segmental ECW Ratio and it can be used to detect body water imbalances resulting from the development or progression of lymphedema.
 - Nutrition: ABCD method in nutrition is a mnemonic of four primary components of nutritional assessment. “A” stands for anthropometric measurements including stature, body weight, BMI, and body composition. Body composition analysis can reveal changes in body composition (body water, protein, minerals, and body fat) that cannot be known by changes in body weight.
 - Fitness: Strength training stimulates muscle growth, exercise burn the calories strengthens cardiorespiratory capacity, which reduce the risk of diabetes, heart disease, and other health concerns and result in the various changes in body composition. Body composition analysis shows skeletal muscle mass and segmental muscle mass, and it helps to focus on building more muscle with symmetrical or lateral balance.
- * The InBody970 is not a diagnostic device. To make an accurate diagnosis, a physician must go through a thorough examinations and take their results into account in addition to the results of the InBody970.
- * The InBody970 is not used in home healthcare environment.

Please note the important information below before reading this manual.

Warning

Failure to comply with safety warnings and regulations can cause serious injury or death.

Caution

Failure to comply with safety cautions and regulations can cause injury or property damage.

Avertissement

Le non-respect des consignes de sécurité et des règlements peut causer des blessures graves ou la mort.

Attention

Le non-respect des consignes de sécurité et des règlements peut causer des blessures ou des dommages matériels.

InBody

For problems with the InBody970 or any clinical questions, contact:

InBody USA [USA]

13850 Cerritos Corporate Dr. Unit C Cerritos, CA 90703 USA

TEL: +1-323-932-6503

FAX: +1-323-952-5009

Website: inbody.com

E-mail: info.us@inbody.com

InBody Europe B.V.

Gyroscoopweg 122, 1042 AZ, Amsterdam, The Netherlands

TEL: +31-20-238-6080 FAX : +31-6-5734-1858 Website: nl.inbody.com E-mail: info.eu@inbody.com

InBody Co., Ltd. [MANUFACTURER]

15, Heugam-gil, Ipjang-myeon, Seobuk-gu, Cheonan-si, Chungcheongnam-do 31025 KOREA

TEL: +82-41-581-3003 FAX: +82-41-581-3103 Website: inbody.com E-mail: info@inbody.com

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Visit our website (inbody.com) to view and download additional information about the InBody970. InBody Co., Ltd. reserves the right to modify the appearance, specifications, etc. of this product to improve its quality, without prior notice.

InBody970

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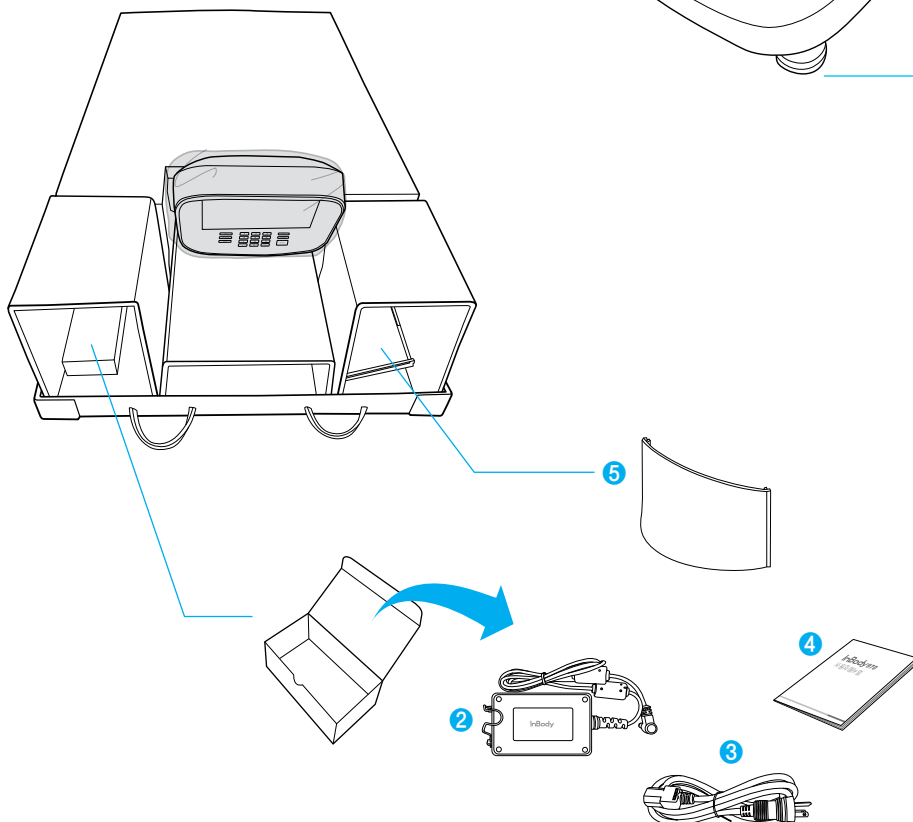
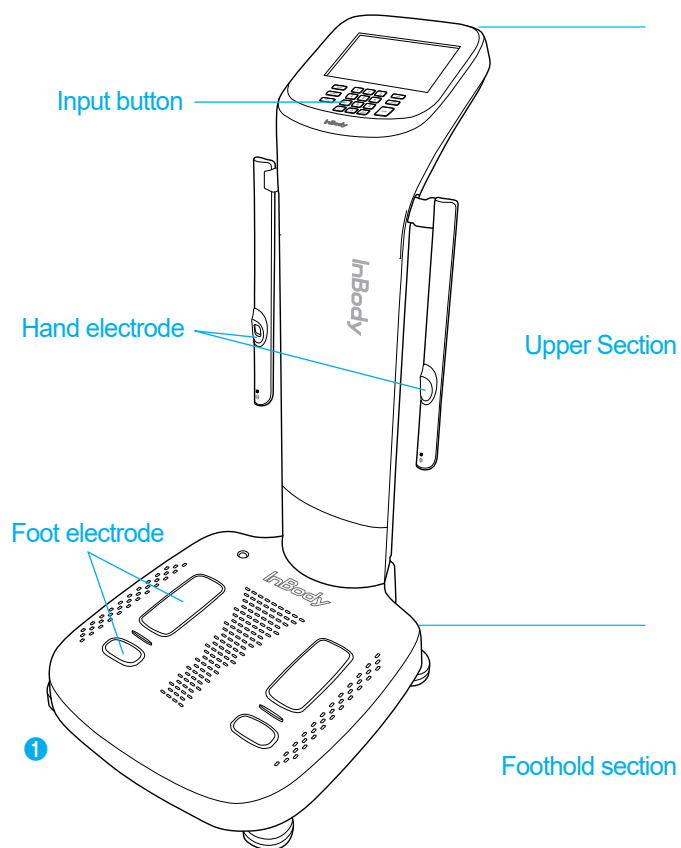
I. InBody Installation

A. Product Components

InBody970 consists of the following components. Make sure all of the following components are present.

* Please check each component of the system for damage prior to installation.

- ① InBody970
- ② Power adapter
- ③ Power cable
- ④ User's Manual
- ⑤ Hinge Cover



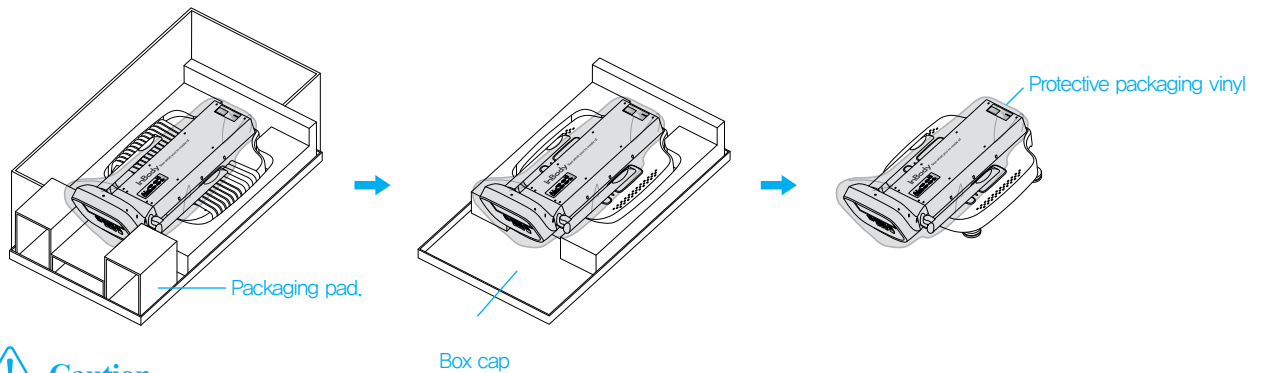
B. Installation Environment

Check the environment before installing the InBody970. This equipment is suitable for indoor use. If installing this equipment outdoors, the following requirements must be fulfilled.

Temperature range	50 ~ 104°F (10 ~ 40°C)
Relative humidity	30 ~ 75% RH
Atmospheric pressure	70 ~ 106kPa

C. Installation Instructions

1. Open the InBody970 packing box and remove the packaging pad. Take the InBody970 out of the packing box.



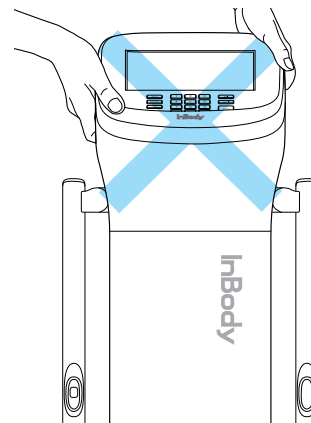
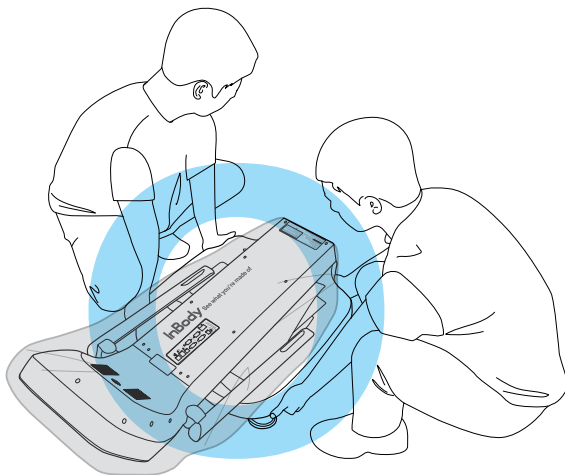
! Caution

- When transporting the equipment, do not grab upper section with LCD or hand electrode connection area.
- For repackaging InBody970 at a later time, the supplied packing materials must be kept. Other wastes should be disposed according to relevant local laws and regulations.
- Be careful not to get your hands or feet caught by the packaging box.
- Be careful for children not to enter the packaging box.
- Do not put vinyls for the packing box on your face.

! Attention

- *En portant l'équipement, ne le tenez pas ni par la partie supérieure qui comprend l'écran LCD ni par la région de connexion de l'électrode de la main.*
- *Pour le remballage futur du Inbody970, vous devez conserver les matériaux d'emballage prévus à cette fin. Les autres déchets doivent être éliminés conformément aux lois et règlements pertinents.*
- *Faites attention à ne pas faire prendre les mains ou les pieds dans la boîte d'emballage.*
- *Faites attention à ce que les enfants ne jouent pas dans la boîte d'emballage.*
- *N'approchez le visage de l'emballage en vinyle.*

* Refer to the figure below when transporting InBody970.



* Do not transport InBody970 by holding the head.

* *Ne portez pas le InBody970 par la partie supérieure.*

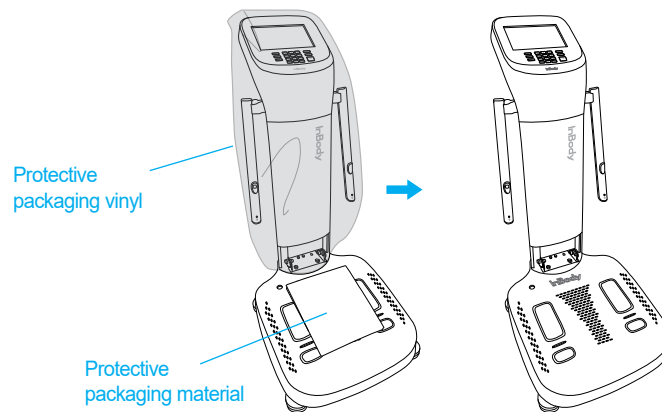
Caution

- Using InBody970 in a dry environment or on a carpet may result in static electricity and damage to the equipment. Use an antistatic mat if you need to install in an environment with static electricity.
- Install the InBody970 on the floor that is flat and vibration-free. If the equipment is installed where the floor is not flat, it may topple during a test or the test results may be inaccurate.
- Do not clean the foot electrode and the hand electrode with detergent. If liquid cleaner flows into InBody970, it may cause corrosion and equipment failure. For cleaning the InBody970 use an InBody tissue (wet tissue) with antibacterial effect

Attention

- *L'utilisation du InBody970 dans un environnement sec ou sur un tapis pourrait provoquer de l'électricité statique et endommager l'appareil. Si vous n'avez d'autre choix que d'installer votre appareil dans un environnement sec chargé d'électricité statique, veillez à l'installer sur une carpeite antistatique.*
- *Installer le InBody sur une surface plane et sans vibration. Si l'appareil est installé sur une surface inégale, il pourrait basculer pendant l'analyse et les résultats s'en trouveraient inexacts.*
- *Ne pas nettoyer l'électrode plantaire et l'électrode digitale avec du détergent. Un détergent liquide qui s'écoulerait dans le InBody970 pourrait causer de la corrosion et provoquer une défaillance de l'appareil. Utiliser un chiffon désinfectant humide InBody pour nettoyer l'appareil.*

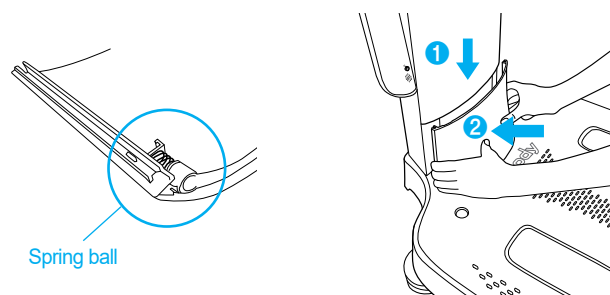
2. Raise the InBody970 upper section to the end and then remove the protective packaging vinyl.
Remove the protective packaging material placed over the foothold.



3. When assembling the hinge cover, push it slightly in the vertical direction so that the spring ball is inserted in the stand end, and push the hinge cover into the direction of the arrow.

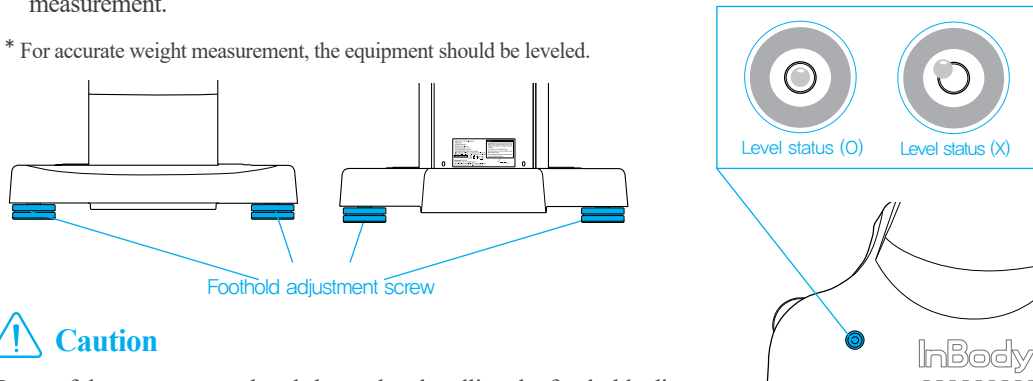
* If the hinge cover is pressed strongly after the spring is inserted fully, or the stand is lowered with it attached, it may cause scratches.

* Be careful not to get your fingers caught when assembling the hinge.



4. Adjust the foot supporters to center the bubble in the level indicator and to level the equipment for accurate weight measurement.

* For accurate weight measurement, the equipment should be leveled.



Caution

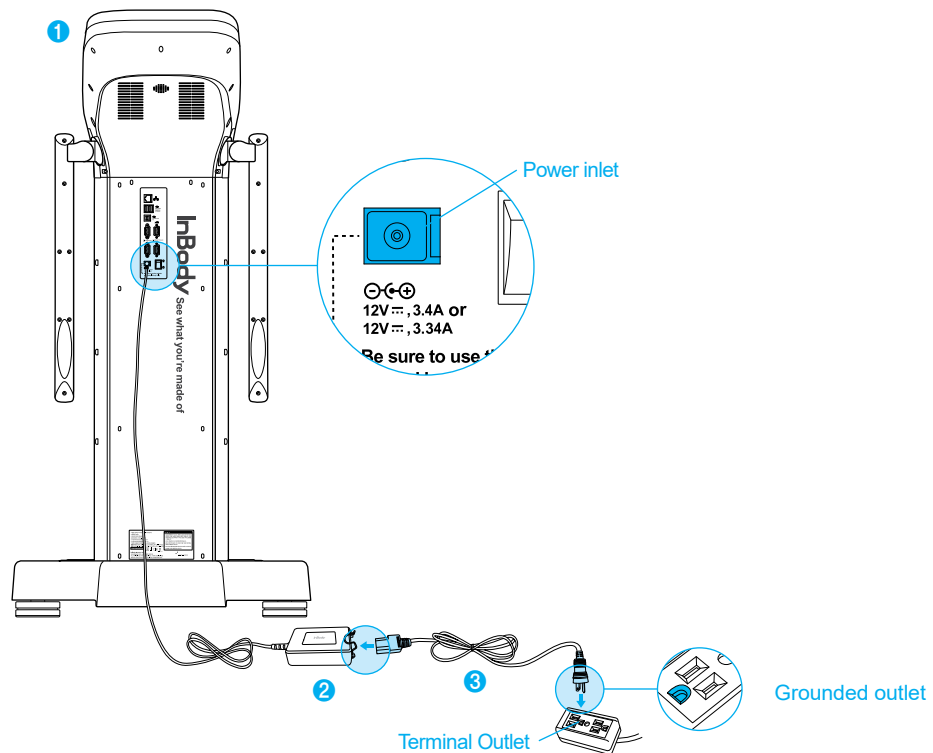
• Be careful not to get your hands hurt when handling the foothold adjustment screw.

Attention

• Faites attention à ne pas vous blesser les mains en manipulant la vis d'ajustement de l'ancrage.

5. Connect the power adapter vc ② to the power inlet on the rear of InBody970 ①. Connect the power cable ② to the connected power adapter ③. Connect the plug of the power cable ③ to a 3-terminal outlet with a ground terminal.

* InBody970 can be connected to optional test equipment and PC program such as stadiometer, blood pressure monitor, Yscope, and LookinBody120. For details to connect, refer to "E.Connecting External Device" in "I.InBody Installation" in this user's manual.



Warning

- Do not pull the power cord violently.
- Do not plug in or pull out the power cord with wet hands. There is a risk of an electric shock.
- Always use an outlet connected to the rated power (AC 100 - 240 V). Using other power rated outlets may result in fire or malfunction.
- When using a power surge protector, make sure that the outlet or the extension cable has adequate power capacity.
- Do not disassemble or modify the equipment including internal parts without written consent from the manufacturer. This may cause electric shock or injury, product malfunction, inaccurate results, and will void the manufacturer's warranty.
- Do not directly contact the InBody970 with any other electronic device when the InBody970 is on. This may result in an electric shock.
- If you are not using the InBody970 for a long time, unplug the power cord.

Avertissement

- Ne pas installer l'équipement dans un endroit difficile d'accès pour débrancher le câble d'alimentation.
- Ne pas brancher ou débrancher le câble d'alimentation avec les mains mouillées. Autrement, il y a risque d'un choc électrique.
- Toujours utiliser une prise alimentée avec la bonne tension (AC 100-240 V). Autrement, il y a risque d'incendie ou de dysfonctionnement.
- Si vous utilisez un protecteur de surtension, assurez-vous que la prise ou la rallonge possède une capacité (de courant) suffisante.
- Ne démontez pas l'équipement de façon aléatoire. Ceci peut causer un choc électrique, une blessure, un dysfonctionnement du produit des résultats erronés, et l'équipement ne sera pas couvert par la garantie du fabricant.
- Lorsque le InBody970 est en marche, n'y branchez pas aucun autre dispositif électronique. Ceci peut causer un choc électrique.

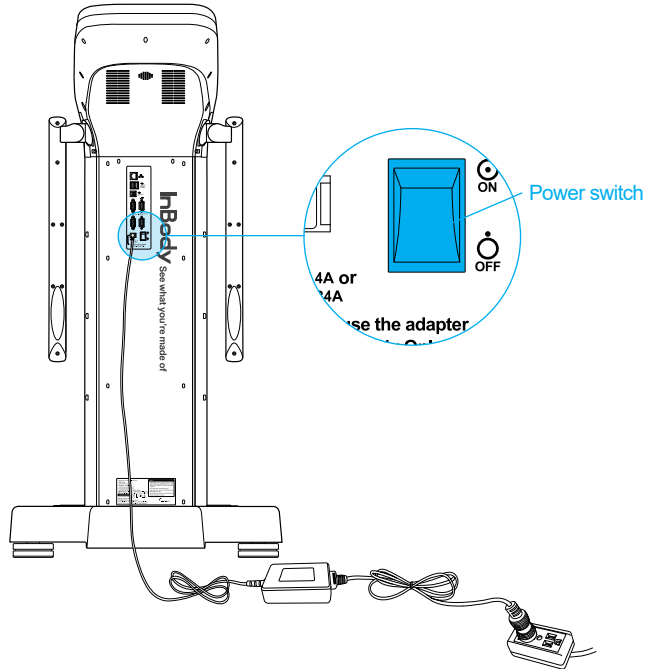
Caution

- The device may get damaged or malfunction due to the electrical shock if plugging into an ungrounded outlet. Or the test results may be inaccurate.
- If InBody970 is subjected to electrical interference, the test results may be inaccurate. Do not install InBody970 in close proximity with fluorescent lights, large AC motor equipment such as treadmills, vibrators, refrigerators, air conditioners, compressors, etc., high-frequency heat treatment devices, and heating devices that cause electrical interference. Unplug and plug them into different power outlets when InBody970 and a device that causes electrical interference are connected to the same power outlet.
- If you are connecting InBody970 to the other test device, then turn on the other device first. On the contrary, turn off the power of InBody970 first, and then turn off the power of the other device when turning off the power. This can minimize the electric shock of InBody970.
- Use the adapter provided by InBody. The Inbody970 may malfunction by using other adapters.
- If you are operating the device in a place where the altitude is 2,000m or higher, the weight measurement may be affected.
- Do not use InBody970 near heat sources such as heating appliances. It may cause deformation, breakdown or fire by heat.
- Use InBody970 in a location where it is not exposed to direct sunlight. It may cause discoloration or damage of device.
- Be careful for the cables connected the device not to be pulled. Otherwise, it may cause a weight measurement error.

Attention

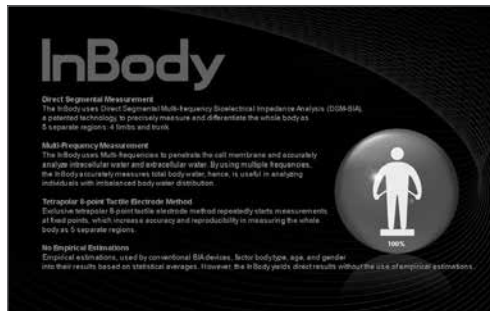
- L'équipement peut subir des dommages à la suite de chocs électriques ou dysfonctionnements s'il est branché dans une prise sans terre. Les résultats des analyses peuvent s'avérer inexacts.
- Si le InBody970 subit des interférences électriques, les résultats des analyses peuvent s'avérer inexacts. Ne pas installer le InBody970 à proximité d'éclairage fluorescent, de grands équipements à moteur CA, comme des tapis roulants, plaques de vibration, réfrigérateurs, climatiseurs, compresseurs, dispositifs de traitement par la chaleur à haute fréquence et des appareils de chauffage qui causent des interférences. Lorsque le InBody970 et un dispositif qui cause de des interférences sont branchés dans la même prise, changez l'un ou l'autre de prise.
- Si vous reliez le InBody970 à un autre appareil électrique, allumez l'autre appareil en premier. Dans le cas contraire, fermez le courant du InBody970 en premier et de l'autre appareil ensuite. Ceci permet de minimiser le choc électrique au niveau du InBody970.
- Utilisez l'adaptateur fourni par InBody. L'utilisation d'autres adaptateurs peut causer un dysfonctionnement du InBody970.
- Le fonctionnement de l'équipement à des altitudes de 2000 mètres ou plus peut influencer la mesure du poids.
- Ne faites pas fonctionner le InBody970 proche de sources de chaleur comme des appareils de chauffage. Ceci peut causer une déformation, une panne ou un incendie.
- Utilisez le InBody970 dans un endroit non exposé aux rayons directs du soleil. Ceux-ci peuvent causer la décoloration de l'équipement ou des dommages à l'équipement.

6. Press the power switch to turn it on.



D. Initial Setup

1. The InBody970 will automatically start booting up when turned on and perform zero weight calibration during boot up.
(Do not step up onto the foothold or place objects on the foothold during boot up.)

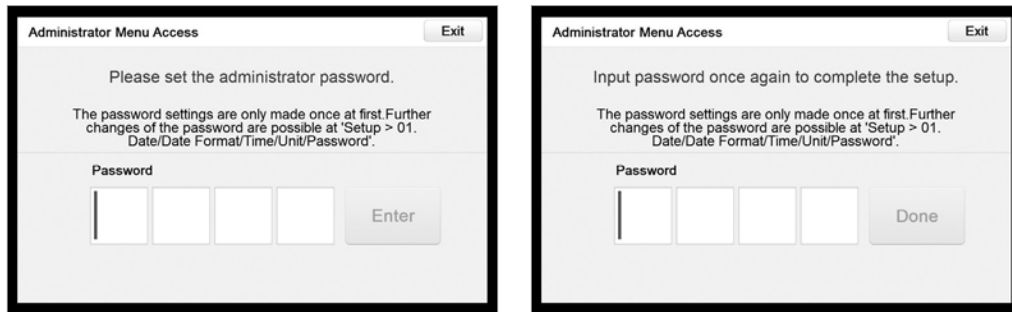


2. On the test standby screen, press the [Administrator Menu] button.



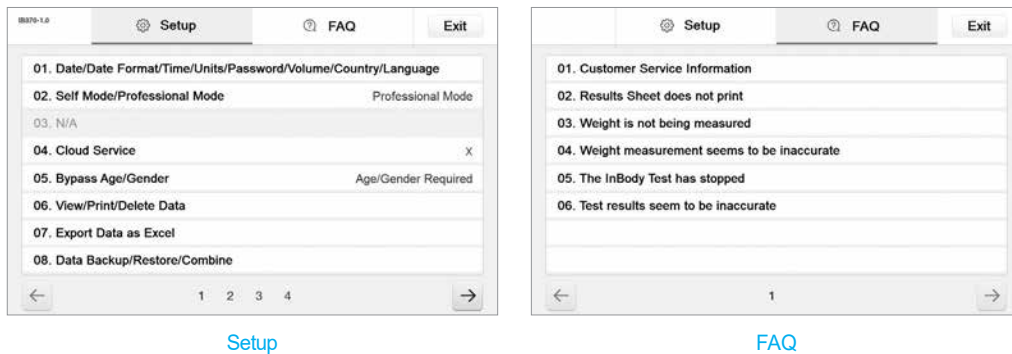
Administrator Menu Button

3. Enter the administrator password to set the password. This screen will appear only once for initial password setup.



* Be careful not to forget the password you set. If you have forgotten your password, please contact InBody Customer Service.

4. You will see 'Setup' and 'FAQ' when you enter Administrator Menu.



Setup

FAQ

- 1) Setup: Configure settings and manage data according to the test environment.

01. Date/Time/Units/Country/Language/Password/Volume

: This option allows changing the basic settings of the InBody970.

02. Self Mode/Professional Mode

- Self Mode: The examinee takes the InBody Test by entering only his/her height.
Throughout the test, instructions and the InBody Information will be shown on screen.
- Professional Mode: An examiner is present and guiding the examinee through the InBody Test.

03. N/A

04. Cloud Service

: This feature uploads InBody Results to LookinBody Web server. The Users can view and manage their results on their own through mobile application. Mobile application can be downloaded via application store. To sync and upload the results, enable Cloud Service. Subscription required. For more information visit www.inbody.com

05. Bypass Age/Gender

: This option allows omitting age/gender input when testing in an adult-only or specific gender-only environment.

06. View/Print/Delete Data

: This option allows checking, printing or deleting the test result stored in the InBody970 as a membership number or mobile number.

07. Export Data as Excel
: This option allows copying the test result saved in the InBody970 to USB memory as an Excel file format.
08. Data Backup/Restoration/Combine
: This option allows saving the test results to USB memory for backup or restores the test results backed up to the InBody970. If you are using multiple products, the data can be merged together.
09. Printer Setup
: This option allows setting the printer to connect to the InBody970. The Result Sheet can be printed when a printer is connected to the InBody970.
10. Results Sheet Types
: This option allows selecting and setting the Result Sheet types (InBody Result Sheet, InBody Result Sheet for Children, Body Water Result Sheet, Research Result Sheet, Result Sheet, Evaluation Result Sheet or Visceral Fat Result Sheet).
11. Automatic Printing Options
: This option allows setting the Result Sheet to be printed automatically after completing the test. You can print up to two Result Sheet per each Result Sheet type at one time.
12. N/A
13. Outputs/Interpretations for Result Sheet
: This option allows setting the items or explanations that appear on the right side of InBody Result Sheet, InBody Result Sheet for Children, and Body Water Result Sheet.
14. Result Sheet Custom Logo
: You can preview the logo printed on the upper right of the Result Sheet.
* Please contact InBody for help with uploading or modifying a logo.
15. Printing Alignment
: This option allows adjusting the position of the result to be printed on the Result Sheet.
16. Internet Options
: This option allows connecting the InBody970 to the Internet via Wi-Fi or wired LAN. Once the InBody970 is connected to the Internet, the InBody970 test results can be sent to the website (www.inbodycare.com), or the LookinBody120, the personal membership management PC application that can be connected at a distance.
17. Bluetooth
: This option allows setting up the Bluetooth so that the InBody970 can connect to LookinBody120, membership management PC application, or to other compatible devices such as stadiometer, blood pressure monitor, or Yscope.
* For details to connect Bluetooth, please refer to "Connecting External Device" in "InBody Installation" in this User's Manual.
18. Manual/Automatic Weight
: This option allows selecting whether to input weight or to measure weight when proceeding with the test after stepping up onto the footplate.

19. Adjust Weight

: This option allows setting the compensation value for weight when measuring InBody weight.
Example: The sportswear provided in the gym is about 0.2 kg, and most users wear sportswear to measure, so you can set the value of -0.2 kg.

20. Reference Range

: This option allows setting the normal range of BMI and Percent Body Fat.
* The ideal value of BMI may also be set.

21. N/A

22. N/A

23. Touchscreen Alignment

: This option allows calibrating the accuracy of the touch screen.

24. Customer Service Information

: This option allows saving the information about the customer service facility where you purchased the InBody970. It can be used when there is an inquiry or a problem.

25. Auto-Lock

: This option allows setting the time before the screen is locked and the corresponding password to restrict using the InBody970.

26. Etc. Function Setup

: Set whether to use the fingerprint recognition function or the InBody BAND recognition function.

2) FAQ: This option provides a checklist for frequently encountered problems while using the equipment.

01. Customer Service Information

: This option allows seeing the information stored in "24. Customer Service Information" in Setup if you have any questions about the InBody970 or have a problem.

02. Result Sheet does not print.

: This option provides a checklist if printing does not work on the printer connected to the InBody970.

03. Weight is not being measured.

: This option provides a checklist when measurement does not proceed even though an examinee stepped up onto the foothold.

04. Weight measurement seems to be inaccurate.

: This option provides a checklist if the value of measured weight is thought to be abnormal.

05. The InBody Test has stopped.

: This option provides a checklist if the InBody970 test was stopped.

06. Test results seem to be inaccurate.

: This option provides a checklist if the value of checked results may be abnormal.

E. Connecting External Device

To connect an external device to InBody970, check first the communication method of the external device. There are two ways of communication; wired connection such as USB or RS232C (9-pin serial terminal, Female), and wireless connection (Bluetooth).

1. Wired connection

1) Printer

The Result Sheet can be printed if the printer is connected to InBody970.

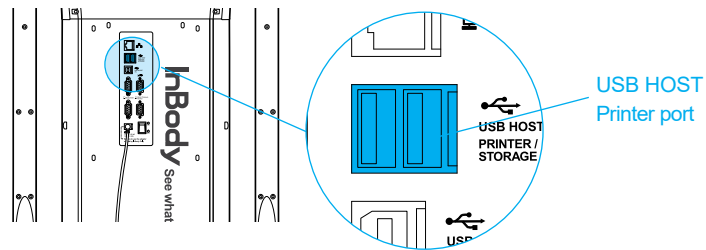
* Please visit the following website for details printers to be connected with InBody970 : <https://www.inbodyservice.com>

❶ Turn off InBody970.

* When InBody970 is already turned on, it may be not properly connected to the printer.

❷ Connect the USB cable supplied with the printer to the USB HOST printer terminal on the rear of InBody970.

Connect the other end of the USB cable to the USB connection terminal of the printer.



❸ Turn on the printer.

❹ Connect the printer according to the instructions on "09. Printer Setup" in Setup in Administrator Menu.

❺ You can set the options related printing from "10.Result Sheet Types" to "15.Printing Alignment" in Setup in Administrator Menu.

2) Stadiometer

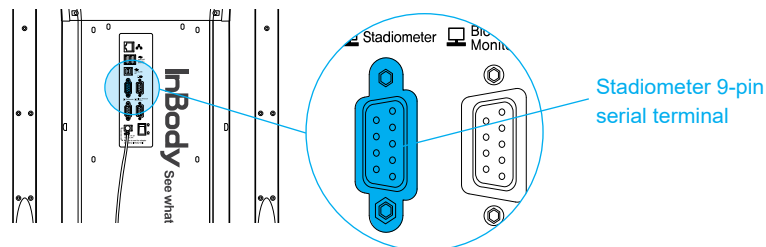
The height values measured by the stadiometer are sent to InBody970 when it is connected to InBody970.

* Make sure to connect only InBody stadiometer.

❶ Turn off InBody970.

* When InBody970 is already turned on, it may be not properly connected to the stadiometer.

❷ Connect the serial cable supplied with the stadiometer to the Stadiometer 9-pin serial terminal on the rear of InBody970. Connect the other end of the cable to the serial terminal of the stadiometer.



❸ Turn on the stadiometer.

❹ Turn on InBody970. When the stadiometer is connected, () icon will be displayed in the upper left of the test standby screen.

3) Blood pressure monitor

The blood pressure values measured by the blood pressure monitor are sent to InBody970 when it is connected to InBody970.

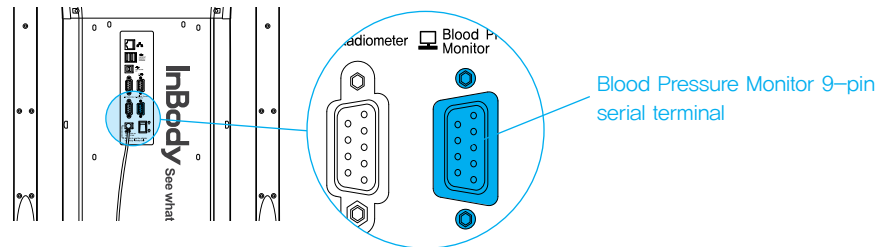
* Make sure to connect only the Inbody970 blood pressure monitor.

* If you select the type of Result Sheet at "13.Outputs/Interpretations for Result Sheet" in Setup in Administrator Menu and then select blood pressure in the sub options, then you can print the blood pressure value on the InBody Result Sheet.

1 Turn off InBody970.

* When InBody970 is already turned on, it may be not properly connected to the blood pressure monitor.

2 Connect the serial cable supplied with the blood pressure monitor to the Blood Pressure Monitor 9-pin serial terminal on the rear of InBody970. And connect the other end of the cable to the serial terminal of the blood pressure monitor.



3 Turn on the blood pressure monitor.

4 Turn on InBody970. When the blood pressure monitor is connected, () icon will be displayed in the upper left of the test standby screen.

4) Barcode reader

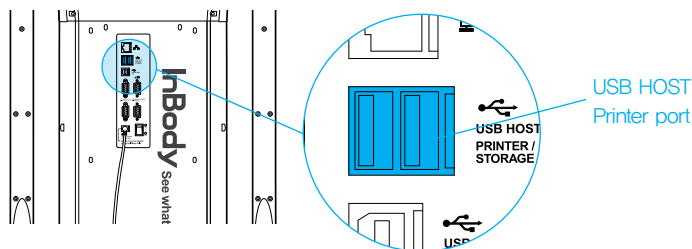
You can enter the membership number automatically by connecting the barcode reader to InBody970.

* If barcode reader is not recognized, please contact InBody Customer Service.

1 Turn off InBody970.

* When InBody970 is already turned on, it may be not properly connected to the barcode reader.

2 Connect the USB cable of the barcode reader to the USB HOST port on the rear of the InBody970.



3 Turn on InBody970. When the barcode reader is connected, () icon will be displayed in the upper left of the test standby screen.

Caution

- Be careful not to pull the device when you are connecting the cable to the device for interacting with external devices. Otherwise, it may cause a weight measurement error.
- Avoid laying cables connected to external devices in frequently traveled passages because individuals may trip over cables and become injured.
- Do not connect external devices that are not specified from InBody to the InBody970. Otherwise, it may cause failure and malfunction.

! Attention

- *Faites attention à ne pas tirer l'équipement lors du branchement de dispositifs externes à celui-ci. Ceci peut causer une erreur dans la mesure du poids.*
- *Évitez de poser des câbles de dispositifs externes dans les endroits passants, et ce, pour éviter que des personnes trébuchent et se blessent.*
- *Ne branchez pas au InBody970 des dispositifs externes non précisés par InBody. Ceci peut causer un échec ou un dysfonctionnement.*

5) LookinBody

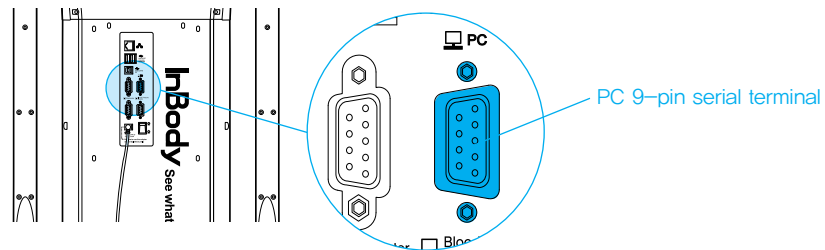
By connecting LookinBody to InBody970, you can use the measurement data management function.

* If LookinBody is not recognized, please contact InBody Customer Service.

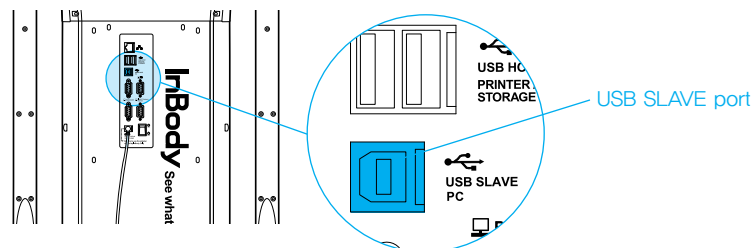
❶ Turn off InBody970.

* When InBody970 is already turned on, it may be not properly connected to LookinBody.

❷ If the PC has a serial port, connect the serial cable provided with LookinBody to the PC 9-pin serial terminal on the rear of the InBody970, and connect the other end of the serial cable to your PC.



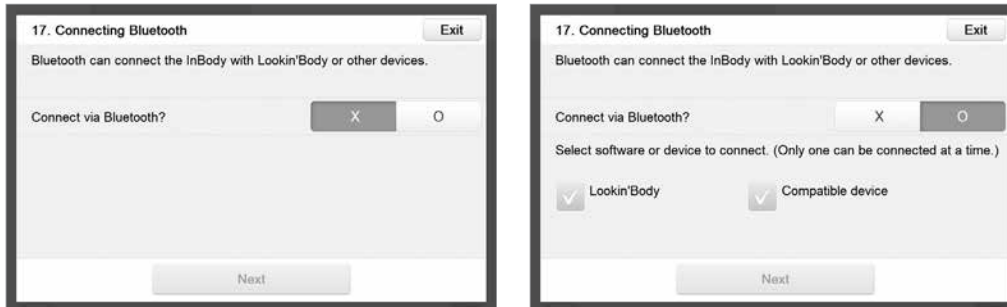
If there is not a serial port on your PC, you can connect a normal USB-AB type cable to the USB SLAVE port on the rear of InBody970 instead of the serial cable above. And connect the other end of the USB cable to the USB port of the PC.



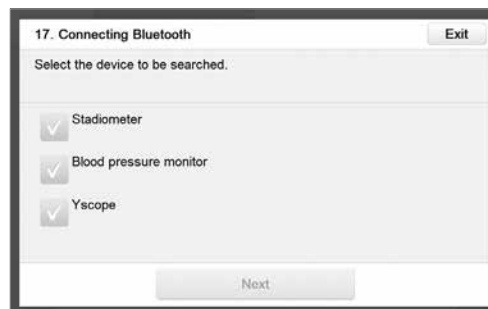
❸ Turn on InBody970. Then launch LookinBody installed on your PC and follow its instructions to connect to InBody970.

2. Connecting Bluetooth

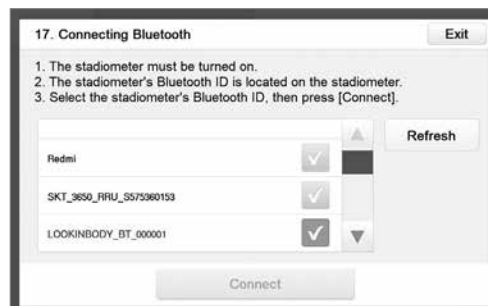
- 1) Press the [Administrator Menu] on the test standby screen.
 - 2) Enter the password to enter the Administrator Menu.
 - 3) Go to the "17. Connecting Bluetooth" in Setup.
 - 4) If "O" is selected on "Connect via Bluetooth?", you can select a program or a compatible device to connect. Please select the "Compatible device".
- * If LookinBody and InBody970 are already connected with Bluetooth, the connection will stop between LookinBody and InBody970 when you are selecting external device.



- 5) Turn on one external device to be connected among stadiometer, blood pressure monitor, and Yscope, and check the product name and serial number on the name plate attached to the external device.
- 6) Choose the external device to be connected and then press the Next button.



- 7) The external device's Bluetooth ID consists of "Product Name-Serial Number", and select the Bluetooth ID of the device to be paired and press the Connect button.
- * If the Bluetooth ID does not appear or the connection is not good, please contact InBody Customer Service.



- 8) If the compatible device is registered properly, the Bluetooth ID of the device connected to the InBody970 will appear as shown below.



- 9) Press the Exit button to return to the test standby screen, and the Bluetooth icon and the corresponding device icon will be displayed on the upper left corner screen.

* The screen below shows that InBody970 was connected with Yscope, stadiometer, blood pressure monitor, and barcode reader (USB).



3. Connecting Internet

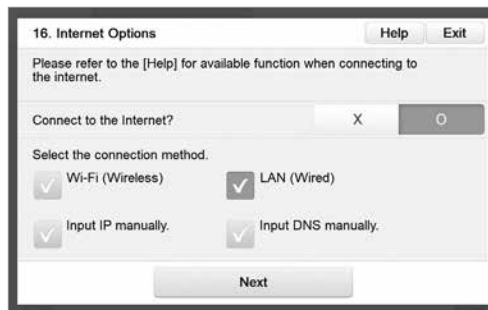
Once InBody970 is connected to the Internet, you can use it to connect with cloud services or LookinBody.

* If the cloud service does not work or if LookinBody is not recognized, please contact InBody Customer Service.

1) Connecting LAN

- 1 Press the [Administrator Menu] on the test standby screen.
- 2 Enter the password to enter the Administrator Menu.
- 3 Go to "16. Internet Options" in Setup.
- 4 Press LAN and then press [Next].

* You may need to enter the IP address or DNS address manually depending on the service area. In this case, press the corresponding button to use.

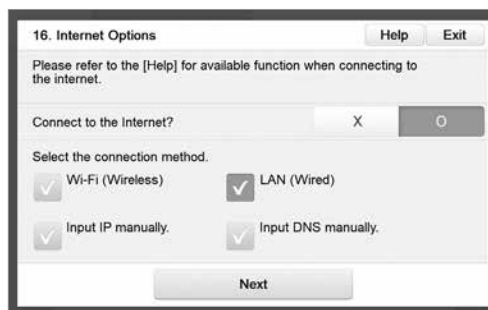


- 5 Connect the LAN cable to () shape port on the rear of InBody970.

* A LAN cable should be used by connecting to a cable connected to a terminal registered with Internet service or to a connector registered with an Internet service.



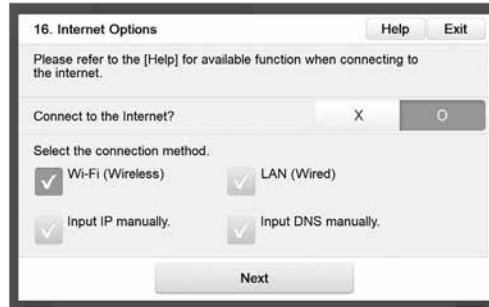
- 6 You can connect to LookinBody or use the cloud service through LAN after completing internet connection.



2) Connecting Wi-Fi

- 1 Press the [Administrator Menu] on the test standby screen.
- 2 Go to "16. Internet Options" in Setup.
- 3 Go to "16.Connect to Internet" in Setup.
- 4 Press Wi-Fi and press [Next].

* Depending on the service area, you may need to enter the IP address or DNS address manually.



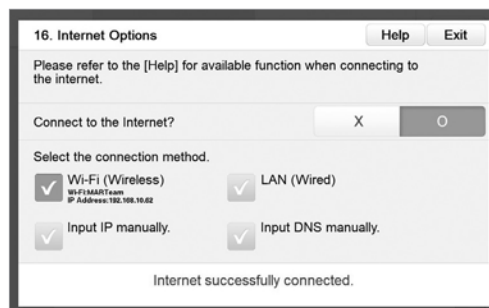
- 5 Select the wireless router to be connected.



- 6 Enter the Wi-Fi password if the wireless router has a password.



- 7 You can connect to LookinBody or can use the cloud service through LAN after completing setup.



F. Precautions for Maintenance

Caution

- Do not bend the handles of the hand electrodes or rotate them in the reverse direction beyond its limitation.
- Do not extend the handles of the hand electrodes beyond its limitation.
- Do not place any objects on the footplate.
- Do not apply excessive force on the equipment.
- Turn off the equipment if you are not using it for a day or longer.
- Do not allow any liquid substances to contact the equipment directly. Keep food and drinks away from the equipment. Substances getting inside the equipment can cause critical damage to the electronic components.
- Use a lint-free cloth to gently wipe the external surface of the equipment about once every week. Be careful not to scratch the LCD screen.
- InBody970 does not need regular maintenance. If some problems occur while operating the device, get in touch with the store where you purchased it or A/S manager. We do not take the responsibility about problems caused by any arbitrary repairs.

Attention

- *Ne rien poser sur le repose-pieds de l'équipement.*
- *Faites attention à empêcher les enfants de grimper et de jouer sur le repose-pied de l'équipement. Ceci peut causer des chutes et des blessures.*
- *N'exercez pas de force excessive sur l'équipement.*
- *Faites attention à ne pas vous coincer les doigts lors de la manipulation des électrodes à main de l'équipement.*
- *Faites attention à ne pas laisser prendre des objets étrangers au bas de l'équipement. Ceci peut causer une erreur dans la mesure du poids.*
- *Faites attention à ne pas vous laisser prendre les pieds au bas de l'équipement.*
- *Éteignez l'équipement si vous ne l'utilisez pas pendant plus d'une journée.*
- *Faites attention à ne permettre à aucun objet étranger (nourriture, breuvage, nettoyeurs liquides, etc.) de pénétrer l'équipement.*
- *Tout objet étranger qui pénètre l'équipement peut causer de sérieux dommages aux composants électroniques.*
- *Une fois par semaine, nettoyez doucement l'extérieur de l'équipement à l'aide d'un chiffon non-pelucheux. Faites attention à l'écran LCD pour éviter de l'égratigner.*

II. InBody Test

A. Precautions for Measurement

Warning

- Individuals with medical implant devices such as pacemakers, or essential support devices such as patient monitoring systems, must not use this equipment. Safe, low-level currents will flow through the body during the test, which may cause malfunctioning of the device or endanger lives.
- Children and people with limited mobility should be supervised or assisted when attempting to test on the InBody.
- After an individual with any kind of contagious disease or infection tests on the InBody, use an InBody Tissue to clean the equipment.
- Do not jump on the footplate. This may cause a serious injury.
- If you have an infectious disease or an open cut, do not touch or use the equipment.

Avertissement

- *Il n'est pas recommandé aux personnes qui portent des dispositifs essentiels à la vie, comme des stimulateurs cardiaques ou des dispositifs de surveillance, d'utiliser cet équipement. De faibles courants électriques circulent dans le corps humain pendant l'analyse, ce qui peut causer une défaillance du dispositif médical et mettre la vie en danger. Étant donné que la méthode d'analyse par impédance bioélectrique (Bioelectrical Impedance Analysis / BIA) utilise des courants de très faible intensité, elle ne nuit pas au corps. Cependant, les femmes enceintes sont priées de consulter un médecin ou un spécialiste.*
- *L'analyse de tout enfant ou toute personne à mobilité réduite doit se faire avec l'aide d'un gérant ou adjoint.*
- *Ne sautez pas sur le repose-pied. Ceci peut entraîner de graves blessures.*
- *Dans le cas d'une maladie infectieuse ou d'une plaie ouverte, ne touchez ni n'utilisez l'équipement.*

Caution

- Stand upright for about 5 minutes before testing. Taking the test immediately after lying in bed or sitting for a long period of time might result in a slight change in the test results. This is because body water tends to move to the lower body as soon as the person stands or gets up.
- Do not eat before testing. In cases where the examinee has already eaten, the test should be put off for at least two hours after the meal. This is because food mass is included in the examinee's weight and thus, may result in measurement errors.
- Use the bathroom before testing. Waste is not included in the body's compositional elements, but the volume of urine and excrement is included in the weight measurement affecting accuracy of the test results.
- Do not exercise before testing. Strenuous exercise or sharp movements can cause temporary changes in body composition. Even light exercise can change your body composition temporarily.
- Take the test in the morning, if possible. Body water tends to gravitate towards the lower body throughout the day, affecting accuracy of the test results.
- Thoroughly wipe the palms and soles with the InBody Tissue before testing. Testing may be difficult if the examinee's palms and soles are too dry or if the examinee has too many calluses.
- Avoid contact with the examinee during testing. Contact may lead to interference affecting test results.

Attention

- *Restez debout pendant environ 5 minutes avant de faire l'analyse. Si vous demeurez allongé ou assis pour une longue période, il se peut que l'eau corporelle descende vers le bas du corps pendant l'analyse. Ceci influence les résultats.*
- *Effectuez l'analyse à jeun. L'apport de nourriture influence le poids. L'appareil inclut cette nourriture dans la composition corporelle, ce qui peut ainsi influencer les résultats de l'analyse.*
- *Allez aux toilettes avant l'analyse. La nourriture qui se trouve dans l'estomac influence le poids. L'appareil considère ce poids comme faisant partie de la composition corporelle, ce qui peut influencer les résultats de l'analyse.*
- *Effectuez l'analyse avant de faire de l'exercice. Même l'exercice léger peut modifier temporairement la composition corporelle.*
- *Évitez les saunas et les bains avant de prendre des mesures.*
- *Assurez-vous qu'aucun objet conducteur, comme des structures en acier, ne touche le corps pendant les mesures.*
- *Prenez les mesures à la température de la pièce (20°C -25°C). Le corps humain reste stable à la température de la pièce. Cependant, la composition corporelle peut changer temporairement au froid et à la chaleur.*
- *Effectuez l'analyse le matin, si possible. L'après-midi, l'eau corporelle tend à graviter vers le bas du corps, ce qui influence la précision des résultats de l'analyse.*
- *L'analyse peut ne pas bien se faire si vos paumes et la plante de vos pieds sont trop sèches ou sont recouvertes de cellules mortes.*
- *Nettoyez vos paumes et la plante des pieds avec une lingette humide InBody avant de commencer l'analyse.*

B. Test Instructions

1. Step up onto the footplate with bare feet on the standby screen.

* The screen changes during the test depending on the setting in "02. Self-Mode or Professional Mode" in the Administrator Menu.

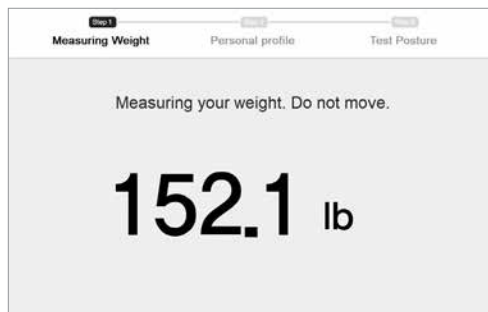
Professional Mode: The screen is configured for testing with an instructor.
(Measurement information is managed by user ID.)

SelfMode: The screen is configured for testing alone.
(Measurement information is managed by phone number.)



2. InBody970 starts weight measurement.

* Be careful to put only the examinee on the equipment. It may cause a wrong weight measurement when other people lean or touch the InBody970.



3. Connecting InBody BAND2.

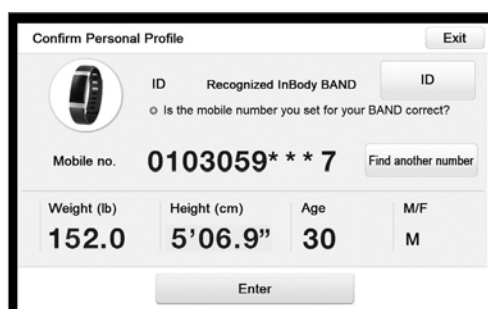
* If InBodyBAND2 is connected with iOS, turn off the Bluetooth setting and use it.

* The InBodyBAND2 firmware version must be "V038N" or later and include "N" at the end of the version name in order to support the interconnection function. (To check the version of InBodyBAND2, select "More" and then select "Preferences" - "Product Settings" in the smartphone app.)

* If InBodyBAND2 is worn but not recognized, please refer to "Regarding the Equipment" in "FAQ". Personal information is received from the InBodyBAND2 and displayed on the screen automatically.



4. The last three digits of the mobile number are marked with *.

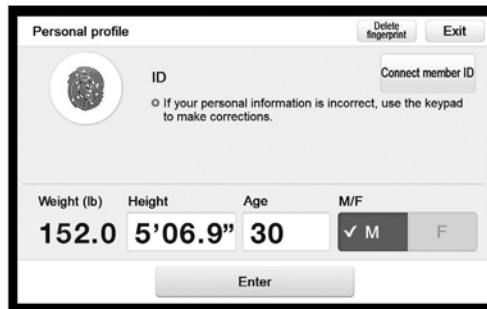


5. After pressing the Exit button or if InBodyBAND2 is not recognized, the InBody970 checks your fingerprint.



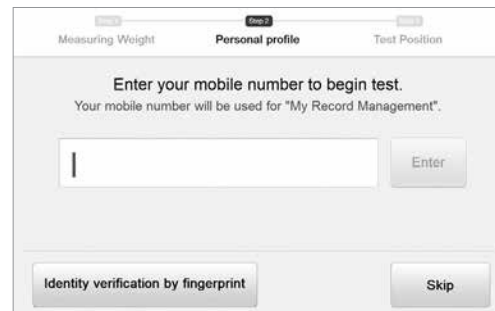
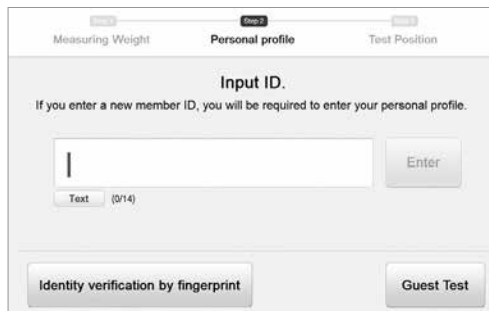
6. If your fingerprint is recognized, the personal information will be automatically displayed on the screen as shown below.

- * If recognized fingerprint is different in location of the registered fingerprint, personal information may not be loaded properly. For details, please refer to "Regarding the Equipment" in "FAQ".

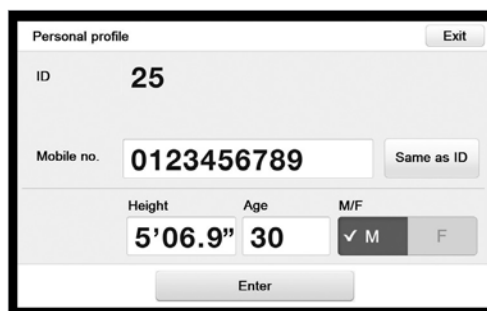


7. If you press [Exit] on the fingerprint identification screen, you may enter your customer information (ID or mobile number).

- * For Professional Mode, enter your ID.
- * For Self Mode, enter your mobile number.



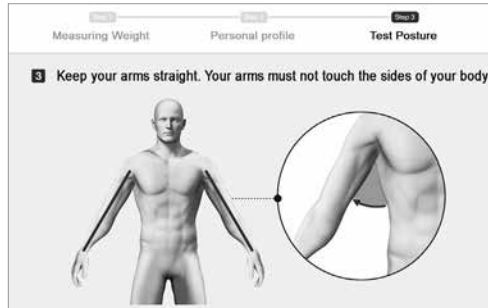
8. If you do not want to enter your ID or mobile number, you can press "Guest Test" or "Skip" button to enter only your height, age, and gender to perform the test.



9. Maintain proper posture to take the test.

* For proper test posture, refer to "C.Test Posture".

* When the hand and foot electrode is recognized, the InBody test begins automatically.



10. InBody Test begins.

* It will take 70 seconds to complete the test.



11. The result screen is displayed after completing the test.

You can check the measurement information according to the selected type of Result Sheet if a printer is connected to InBody970.

* Please refer to the Setup in Administrator Menu for details of printer and Result Sheet setting.

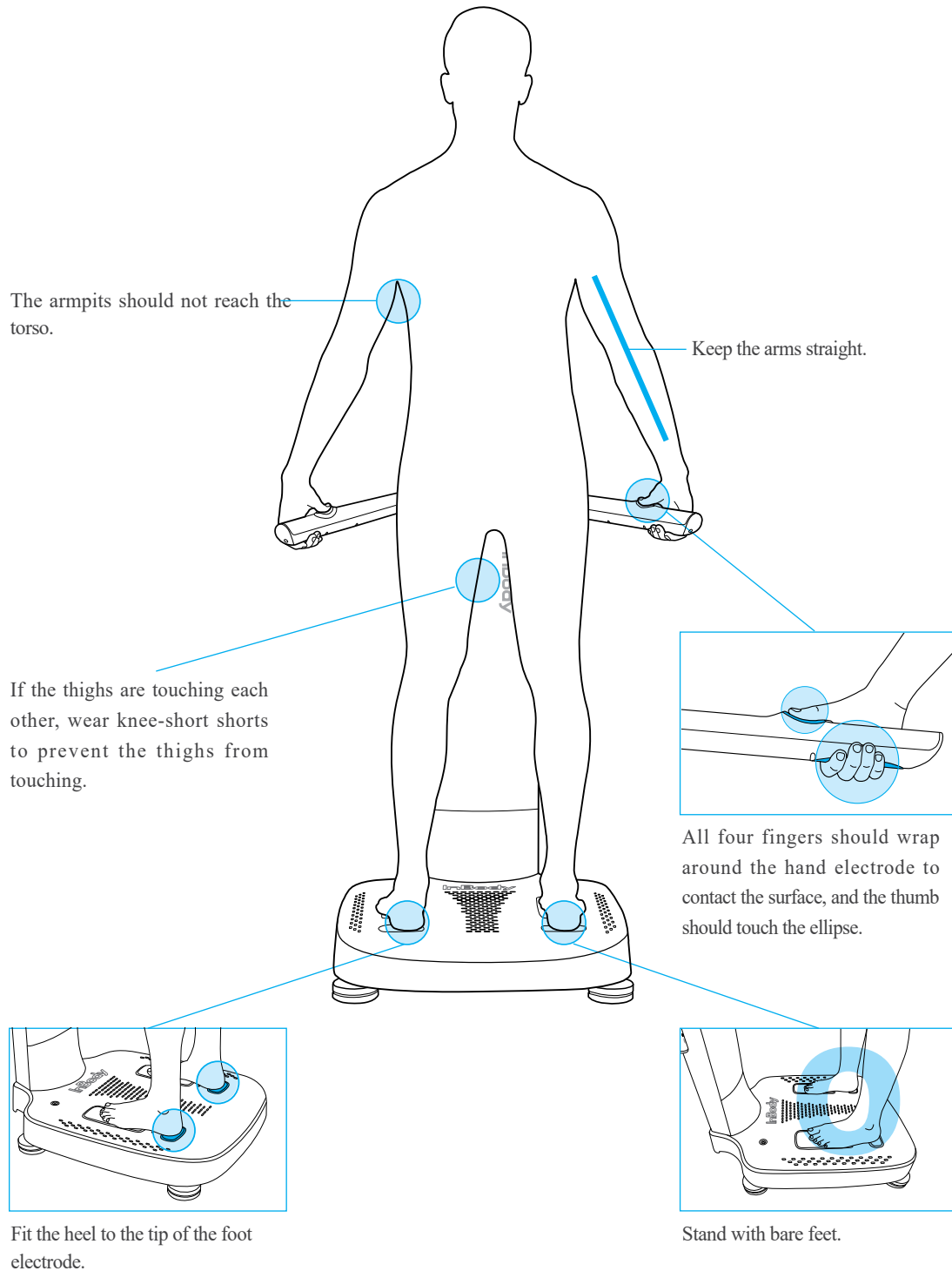


12. Press the [Exit] button to end the measurement.



C. Test Posture

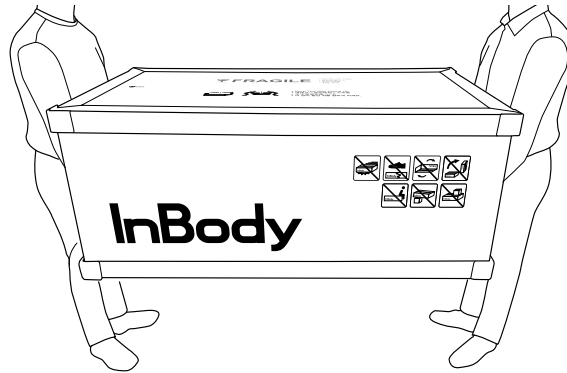
For a proper test result, use a proper posture during the test.



III. Transportation and Storage

A. Cautions during Transportation

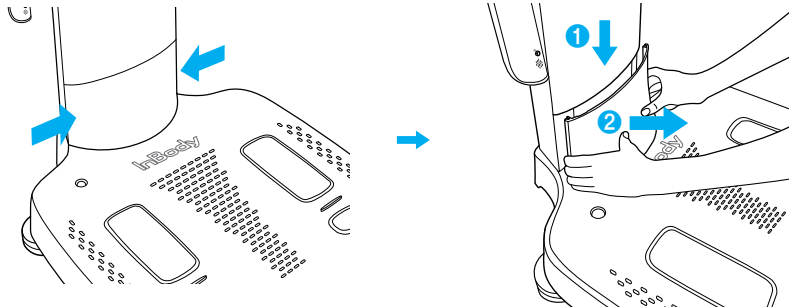
To transport the InBody970 safely, two people should keep the equipment in a horizontal position.



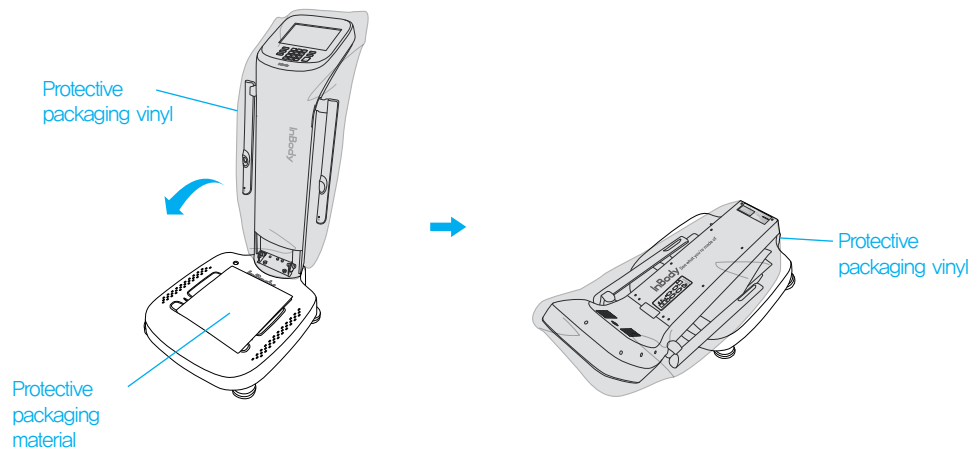
B. Repacking Instructions

Do not transport the InBody970 as much as possible once the it has been installed. If you need to transport the InBody970, transport after repackaging it in the following order.

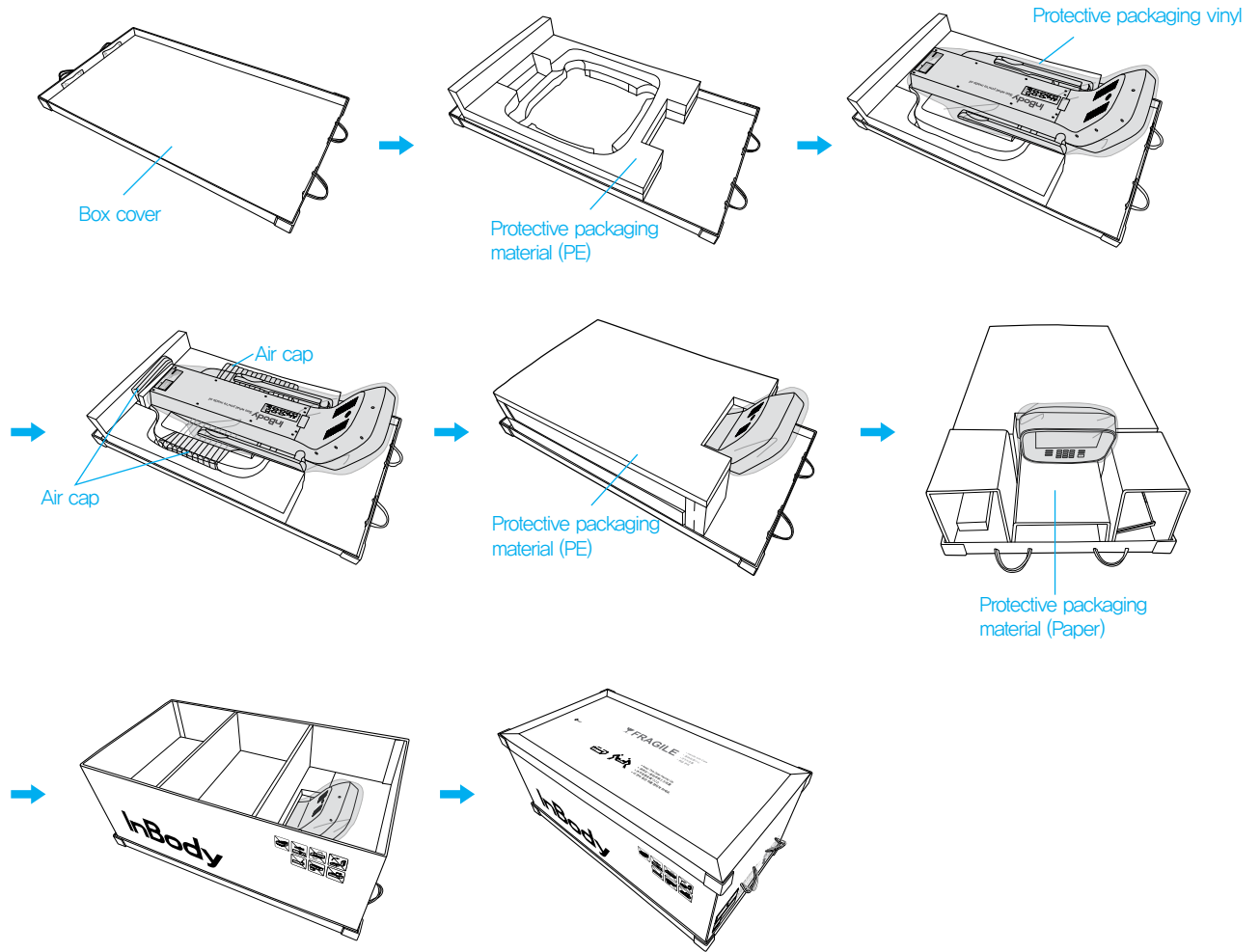
1. Turn off InBody970.
2. Remove all connected adapters, cables, and the hinge cover. Press both gaps of the hinge cover, and press it slightly in the vertical direction and pull it in the arrow direction.



3. Wrap the upper section of the InBody970 with protective packaging vinyl. Put the packaging material on the foot electrode as shown below and fold the upper section.



4. Place the InBody970 into the box as shown in the sequence below.



Put the protective packaging material (paper) as shown in the figure and seal it. After sealing it, transport only by holding the handle.

! Caution

- When repacking the equipment, the protective packaging materials provided by InBody must be used.

! Attention

- *Toujours utiliser les matériaux d'emballage de protection fournis par InBody lors de tout emballage.*

C. Transportation and Storage Environment

InBody970 should be transported or stored under the following conditions.

Temperature range	14 ~ 158°F (-10 ~ 70°C)
Relative humidity	10 ~ 80% RH (No Condensation)
Atmospheric pressure	50 ~ 106kPa

IV. Frequently Asked Questions (FAQ)

Even if no problems arise from the equipment, users may still have many questions, especially regarding clinical procedures. Few common questions and answers are listed below. If your questions are not answered here, please contact InBody.

* Customer contact information can be found under Settings of the Administrator Menu '24. Customer Service Information'.

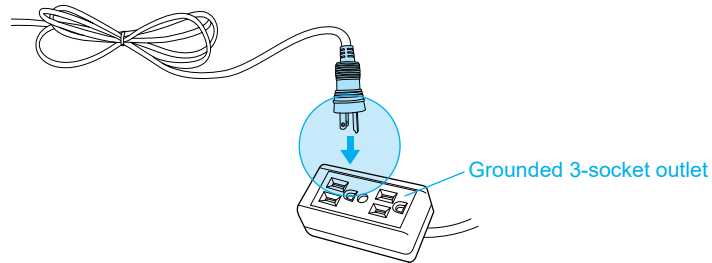
A. Regarding the InBody

If a problem arises with the InBody970, you may first attempt to check the 'FAQ' in the Administrator Menu. The InBody970 can help you diagnose and solve some problems. If your problem cannot be resolved through the 'FAQ', please refer to the possible solutions below.

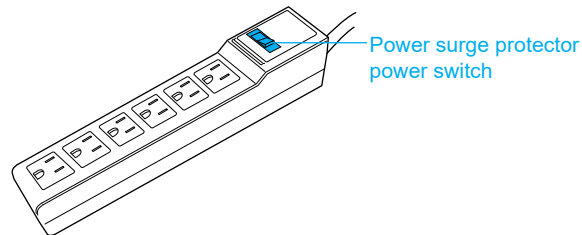
Question	Answer
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• My InBody970 does not turn on.

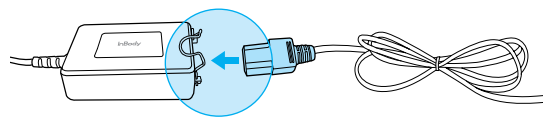
• Insert the power plug completely into a grounded 3-socket outlet.



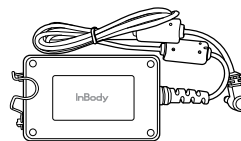
• When using a power surge protector, the equipment may not power on if the power switch on the power surge protector is turned off. Check the power surge protector which the power plug is connected to.



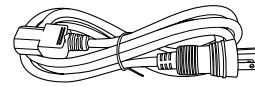
• The problem may occur if the power cord is not completely plugged into the adapter. Insert the power cord completely into the adapter.



• The problem may occur if you are using the power adapter that is not provide by InBody. Always connect a power adapter (DC 12V, 3.4A/3.34A) provided by InBody.



Power adapter



Power cord

Question	Answer
<ul style="list-style-type: none"> • My touchscreen is inaccurate or not responsive. 	<ul style="list-style-type: none"> • Calibrate the touchscreen under Settings of the Administrator Menu '23. Touchscreen Alignment'. <ul style="list-style-type: none"> * Press firmly to optimize touchscreen response. • If you cannot enter the Administrator Menu due to touchscreen problems, please restart the InBody. The InBody stores the last touchscreen alignment and will automatically recall the previous touchscreen settings. The InBody can also recognize if its touchscreen alignment is off screen and will automatically take the user to the calibration screen after restarting.
<ul style="list-style-type: none"> • I would like to connect other equipment to the InBody970. 	<ul style="list-style-type: none"> • Please refer to 'E. Connecting Printer, Thermal Printer, Stadiometer, Blood Pressure Monitor and Barcode Reader' in section 'I. InBody Installation' in this User's Manual.

B. Regarding the InBody Test

Some of the more common clinical questions are answered below. If additional questions or more clarification is desired, please contact InBody.

Question	Answer
<ul style="list-style-type: none">• Must socks or stockings be removed for the InBody Test?	<ul style="list-style-type: none">• Bare skin contact is essential in the analysis using the BIA method. Socks or stockings may cause a varying degree of distortion in the results. Socks or stockings must be removed to obtain accurate data.
<ul style="list-style-type: none">• Is it okay to wear accessories (jewelry, watch, rings, etc) or metal objects while taking the InBody Test?	<ul style="list-style-type: none">• The ideal condition for the analysis is simply standing with no clothes and wearing no accessories. However, this may not always be possible. Therefore, we recommend that the examinee remove as many clothing items and accessories that may affect the weight as possible.
<ul style="list-style-type: none">• Who cannot take the InBody Test or will have difficulties taking the InBody Test?	<ul style="list-style-type: none">• Individuals with medical implant devices such as pacemakers, or essential support devices such as patient monitoring systems, must not use this equipment. The currents will flow through the body during the test, which may cause malfunctioning of the device or endanger lives.• Children, amputees, or the elderly, may have trouble testing if they cannot hold the hand electrodes or stand still on the foot electrodes.
<ul style="list-style-type: none">• Can a person with metal implants in the body take the InBody Test?	<ul style="list-style-type: none">• The ideal test methodology is where the examinee does not wear anything metallic. Individuals with metallic implants may have skewed test results due to the conductivity of the metal affecting the results.• As the weight of clothes and other wear affects the results of the body composition analysis, it is strongly recommended to take off any heavy clothing or metallic wear. Except for the weight, jewelry does not effect the body composition analysis, as the contact point with the InBody970 are hands and feet.
<ul style="list-style-type: none">• I have limited mobility and cannot maintain proper posture for the InBody Test. How can I still be tested?	<ul style="list-style-type: none">• It is impossible to test if an individual cannot maintain contact with the hand or foot electrodes. InBody has a line of products that conduct body composition analysis on bed ridden examinees that allow the patients to stay in bed. For more information, please contact InBody.
<ul style="list-style-type: none">• Is the electric current harmful to the body?	<ul style="list-style-type: none">• The physiological electric impedance method uses safe low level currents that is not harmful to the body. The safety of the InBody has been tested and proven. The InBody products have been approved for medical use by the CE and all over the world. Many medical institutions around the world are actively using the InBody.
<ul style="list-style-type: none">• How often should I take the InBody Test?	<ul style="list-style-type: none">• Individuals who are undergoing any programs that may affect their body composition are strongly recommended to have the InBody Test done every two to four weeks.• Consistent testing will allow individuals to track and monitor their progress over time.
<ul style="list-style-type: none">• What are the precautionary steps to ensure accuracy of the InBody Test?	<ul style="list-style-type: none">• Please refer to ‘A. Precautions for Measurement’ in section ‘II. InBody Test’ in this User’s Manual.

V. Others

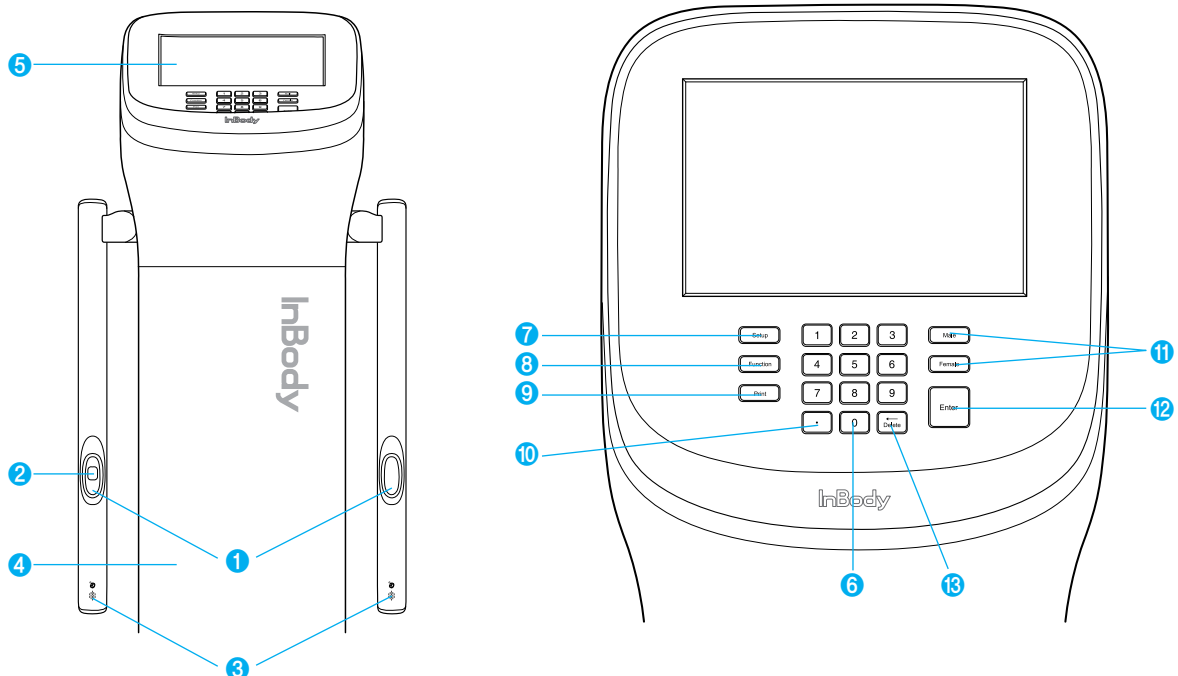
A. Exterior and Functions

The names and functions of each part of InBody970 are as followings.

* Please check each component of the system for damage prior to installation.

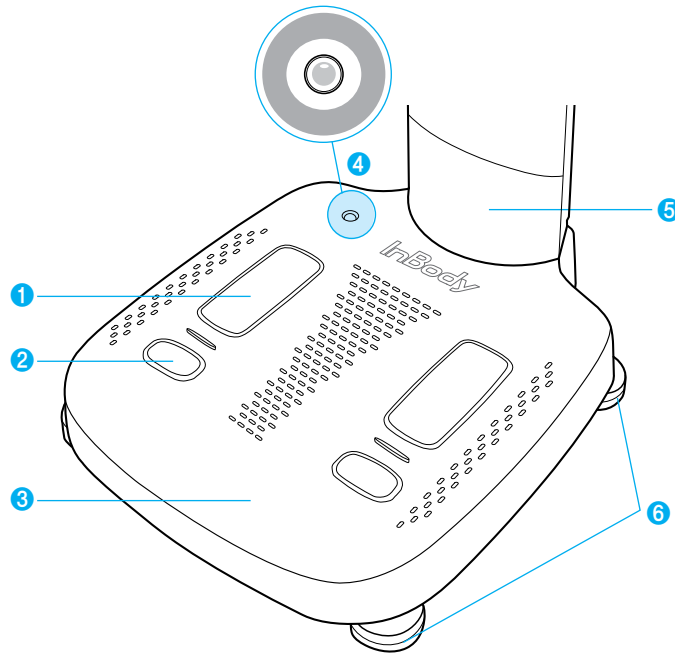
1. Upper Section

- ① Hand electrode: For testing, all four fingers wrap around the hand electrode to contact the surface, and the thumb touches the ellipse.
- ② Fingerprint recognition sensor: Recognizes fingerprint of the left thumb and save or load the personal information automatically.
- ③ InBodyBAND2 recognition sensor: Receives personal information in wireless connection with InBodyBAND2.
- ④ Body: Connects upper section and the lower section.
- ⑤ LCD display: It displays each step of test, guide, and test result. It enables to enter the data required for the test, set the test environment, and check the test results by touching the screen.
- ⑥ Number button: Used to enter numeric data such as age and height.
- ⑦ Setup button: Used to enter the "Setup" in Administrator Menu from the test standby screen.
- ⑧ Function button: Used to enter the "FAQ" in Administrator Menu from the test standby screen.
- ⑨ Print button: Used to reprint test results.
- ⑩ Decimal point button: Used to enter the decimal point in ID, height, age and weight.
- ⑪ ⑪ Gender button: Used to enter gender. (Male:Man, Female:Woman)
- ⑫ ⑪ Enter button: Used when input is completed or changes are saved in the Administrator Menu.
- ⑬ ⑪ Delete button: Used to delete the entered data.



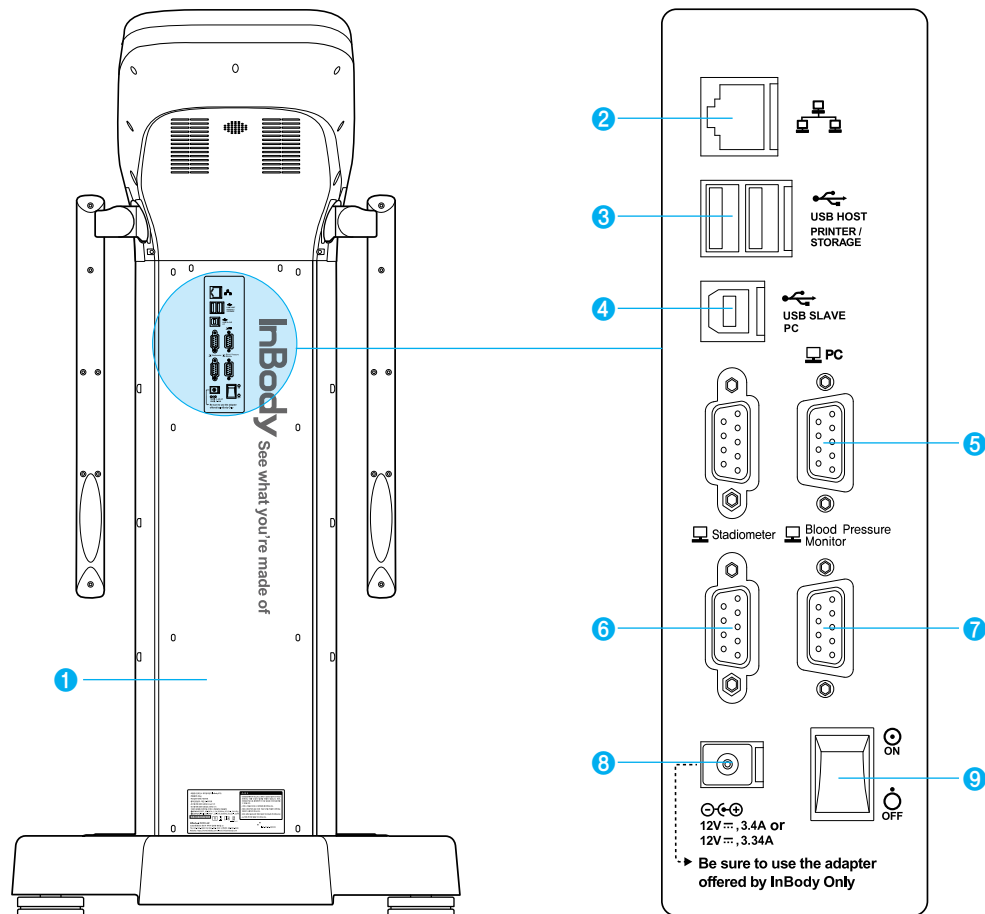
2. Footplate

- 1 Front sole electrode: The examinee makes contact with this electrode by stepping with the front part of their foot.
- 2 Rear sole electrode: The examinee makes contact with this electrode by stepping with the heel of their foot.
- 3 Footplate: This is connected to the scale, which measures the examinee's weight.
- 4 Level Indicator: Indicates the current horizontal level of the InBody970.
- 5 Joint: Joins the upper part and lower part of the equipment together.
- 6 Leveling screws: Used for adjusting the horizontal level of the equipment.






3. Rear view

- 1 Rear cover: Used for inspecting internal circuits, etc. Only our A/S staff can open it.
- 2 LAN port (10/100T-Base): Used to connect the InBody970 to the Internet or LookinBody120 installed on the PC via wire connection.
 - * You can connect InBody970 to LookinBody120 installed on the PC even if only one of 2, 4, 5 ports is connected.
- 3 USB HOST port: Used to connect printer, USB storage device and barcode reader.
- 4 USB SLAVE port: Used to connect InBody970 to LookinBody120 installed on PC.
 - * You can connect InBody970 to LookinBody120 installed on the PC even if only one of 2, 4, 5 ports is connected.
- 5 PC 9-pin serial terminal (Female, RS-232C): Can be used to connect InBody970 with LookinBody120 installed on the PC.
 - * You can connect InBody970 to LookinBody120 installed on the PC even if only one of 2, 4, 5 ports is connected.
- 6 Stadiometer 9-pin serial terminal (Female, RS-232C): Used to connect InBody970 with a stadiometer.
 - * Make sure to connect only InBody stadiometer.
- 7 Blood Pressure Monitor 9-pin serial terminal (Female, RS-232C): Used to connect InBody970 with a blood pressure monitor.
 - * Make sure to connect only InBody blood pressure monitor.
- 8 Power jack: Used to connect a power adapter.
 - * Use the adapter provided by only InBody.
- 9 Power switch: Used to turn the device on and off.



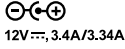




B. Safety Information








Indicators

	9-pin serial port (Female, RS-232C)
	LAN port (10T Base)
	USB port

Safety Symbols

	Warning, Caution
	BF Type Equipment
 12V $\overline{\text{---}}$, 3.4A/3.34A	Adapter
	Power On
	Power Off

Etc. Symbols

	European Conformity		Serial number
	Manufacturer		Alternating Current
	Authorized representative in the EUROPEAN COMMUNITY		Operating instructions
	Unique Device Identification		

Caution

- This device is a class A electromagnetic wave compatible device and can be used in all areas.
- There is a possibility of radio interference during operation of the radio equipment; and may not be used in areas where safety is of concern.
- Bluetooth uses the same frequency band as many electronic devices, which can cause radio interference between the devices.
- The user should be responsible for illegal use or data transmission problem caused by using Bluetooth.

Attention

- Cet appareil a une compatibilité électromagnétique de classe A et peut être utilisé dans toutes les régions.
- Des interférences sont possibles lors du fonctionnement de l'équipement radio. Évitez l'utilisation de l'appareil si la sécurité est une préoccupation.
- Le Bluetooth utilise la même bande de fréquences que nombreux dispositifs électroniques, ce qui peut causer des interférences entre les dispositifs.
- L'utilisateur est responsable de toute utilisation illégale ou tout problème causé par la transmission de données avec Bluetooth.

C. Classification

Classification	"Body Composition Analyzer of Direct Segmental Multi-frequency Bioelectrical Impedance Analysis Method"	
	Type of protection against electric shock	Class I
	Type of the applied parts	BF Type
	EMC Immunity / EMC Emission	Level A, CLASS A
	Degree of protection against water infiltration	IPX0

D. Specifications

Bioelectrical Impedance Analysis (BIA) Measurement Items	Bioelectrical Impedance (Z)	40 Impedance Measurements by Using 8 Different Frequencies (1kHz, 5kHz, 50kHz, 250kHz, 500kHz, 1MHz, 2MHz, 3MHz) at Each of 5 Segments (Right Arm, Left Arm, Trunk, Right Leg, and Left Leg)
	Phase Angle	15 phase angle measurements by Using 3 Different Frequencies (5kHz, 50kHz, 250kHz) at Each of 5 Segments (Right Arm, Left Arm, Trunk, Right Leg, and Left Leg)
Electrode Method	Tetrapolar 8-Point Tactile Electrodes	
Measurement Method	Direct Segmental Multi-Frequency Bioelectrical Impedance Analysis Method Simultaneous Multi-frequency Impedance Measurement	
Body Composition Calculation Method	No Empirical Estimation	
Outputs (InBody Result Sheet)	Results and Interpretations <ul style="list-style-type: none"> • Body Composition Analysis (Total Body Water, Intracellular Water, Extracellular Water, Dry Lean Mass, Body Fat Mass, Fat Free Mass, Weight) • Body Water Composition (Total Body Water, Intracellular Water, Extracellular Water) • Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass) • Obesity Analysis (Body Mass Index, Percent Body Fat) • Segmental Lean Analysis (Based on ideal weight/Based on current weight: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Segmental Body Fat Analysis (Based on ideal weight/Based on current weight: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Segmental ICW Analysis (Based on ideal weight/Based on current weight: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Segmental ECW Analysis (Based on ideal weight/Based on current weight: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • ECW/TBW Analysis • Body Composition History (Weight, Skeletal Muscle Mass, Percent Body Fat, ECW/TBW) • InBody Score • Visceral Fat Area (Graph) • Body Fat-Fat Free Mass Control (Body Fat Mass, Fat Free Mass) • Nutrition Evaluation (Protein, Minerals, Fat Mass) • Obesity Evaluation (BMI, Percent Body Fat) • Body Balance Evaluation(Upper, Lower, Upper-Lower) • Visceral Fat Level (Graph) 	

	<ul style="list-style-type: none"> • Research Parameters (Intracellular Water, Extracellular Water, Skeletal Muscle Mass, Fat Free Mass, Basal Metabolic Rate, Waist Circumference, Visceral Fat Level, Visceral Fat Area, Bone Mineral Content, Body Cell Mass, Arm Circumference, FFMI, FMI, SMI, recommended calorie intake per day, Calorie Expenditure of Exercise, InBody Score), Skeletal Muscle Mass/Weight, Extracellular Mass/Body Cell Mass, Total Body Water/Weight), Protein, Minerals, Body Fat Mass, Leg Lean Mass, TBW/LBM, ICW/LBM • Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product) • Results Interpretation QR Code • QR Code • Segmental Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Whole Body Phase Angle (50kHz: the right side of the body) • Impedance (Each segment and each frequency) Graph, BIVA Graph
<p>Outputs (InBody Result Sheet for Children)</p>	<p>Results and Interpretations</p> <ul style="list-style-type: none"> • Body Composition Analysis (Total Body Water, Intracellular Water, Extracellular Water, Dry Lean Mass, Body Fat Mass, Fat Free Mass, Weight) • Body Water Composition (Total Body Water, Intracellular Water, Extracellular Water) • Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass) • Obesity Analysis (Body Mass Index, Percent Body Fat) • Growth Graph (Height, Weight, BMI) • Body Composition History (Height, Weight, Skeletal Muscle Mass, Percent Body Fat) • Growth Score • Body Fat-Fat Free Mass Control (Body Fat Mass, Fat Free Mass) • Nutrition Evaluation (Protein, Minerals, Fat Mass) • Obesity Evaluation (BMI, Percent Body Fat) • Body Balance Evaluation (Upper, Lower, Upper-Lower) • Segmental Lean Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Segmental Body Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Research Parameters (Intracellular Water, Extracellular Water, Skeletal Muscle Mass, Basal Metabolic Rate, Child Obesity Degree, Bone Mineral Content, FMI, Body Cell Mass, FFMI) • Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product) • Results Interpretation QR Code • QR Code • Segmental Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Whole Body Phase Angle (50kHz: the right side of the body) • Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product) • Impedance (Each segment and each frequency) Graph
<p>Body Water Result Sheet</p>	<p>Results and Interpretations</p> <ul style="list-style-type: none"> • Body Water Composition (Total Body Water, Intracellular Water, Extracellular Water) • Segmental Body Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Segmental Intracellular Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Segmental Body Water (Based on ideal weight/Based on current weight: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Body Water Composition History (Weight, Total Body Water, Intracellular Water, Extracellular Water, Segmental ECW/TBW Analysis) • Body Composition Analysis (Intracellular Water, Extracellular Water, Dry Lean Mass, Body Fat Mass, Fat Free Mass) • ECW/TBW Analysis • Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass) • Obesity Evaluation (BMI, Percent Body Fat) • Research Parameters (Intracellular Water, Extracellular Water, Skeletal Muscle Mass, Fat Free Mass, Basal Metabolic Rate, Waist Circumference, Visceral Fat Level, Visceral Fat Area, Bone Mineral Content, Body Cell Mass, Arm Circumference, FFMI, FMI, SMI, recommended calorie intake per day, Calorie Expenditure of Exercise, InBody Score), Skeletal Muscle Mass/Weight, Extracellular Mass/Body Cell Mass, Total Body Water/Weight), Protein, Minerals, Body Fat Mass, Leg Lean Mass, TBW/LBM, ICW/LBM • Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product) • Results Interpretation QR Code • QR Code • Segmental Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Whole Body Phase Angle (50kHz: the right side of the body) • Impedance (Each segment and each frequency) Graph, BIVA Graph • Body Fat-Fat Free Mass Control Output, Nutrition Evaluation Output, Body Balance Evaluation Output, Segmental Fat Analysis (Graph) Output, Segmental Fat Analysis Output, Obesity Analysis

Research Result Sheet	<ul style="list-style-type: none"> • Body Composition Summary (Soft Lean Mass, Body Fat Mass, Intracellular Water, Extracellular Water, Total Body Water, ECW/TBW, Weight) • Body Composition Analysis (Fat Free Mass, Intracellular Water, Extracellular Water, Body Fat Mass, ECW/TBW) : Evaluate 'Whole body, Right arm, Left arm, Trunk, Right leg, Left leg' respectively • Research parameters (BMI, Percent Body Fat, Visceral Fat Area, Waist Circumference, FMI, Skeletal Muscle Mass, Soft Lean Mass, FFMI, SMI, Protein, Body Cell Mass, Minerals, Bone Mineral Content, Basal Metabolic Rate, Arm Circumference, TBW/FFM) • Waist Circumference • Segmental Body Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg) • Whole Body Phase Angle (50kHz: the right side of the body) • Impedance (Each segment and each frequency) Graph
Comparison Result Sheet	<ul style="list-style-type: none"> • Weight ,Skeletal Muscle Mass, Body Fat Mass, ECW/TBW, Phase Angle: Whole Body (Today's Results, Recent Results, Differences) • ECW/TBW, Phase Angle: Right Arm, Left Arm, Trunk, Right Leg, Left Leg (Today's Results, Recent Results, Differences) • Whole body, Segmental Body Cole-Cole Plot (Today's Results, Recent Results)
Evaluation Result Sheet	<ul style="list-style-type: none"> • Skeletal Muscle mass Index(T-Score, Z-score) • ECW/TBW(T-Score, Z-score) • Visceral Fat Area(T-Score, Z-score) • BMI(T-Score, Z-score) • Whole Body Phase angle (T-Score, Z-Score) • Body Cell Mass (T-Score, Z-Score)
Visceral Fat Result Sheet	<ul style="list-style-type: none"> • Body Fat composition(Subcutaneous Fat, Visceral Fat, Arms/Legs Fat, Fat Free Mass, Abdominal Fat Mass, Trunk Fat Mass, Body Fat Mass, Weight) • Body Fat Analysis (Weight, Body Fat Mass, BMI, Percent Body Fat) • Whole Body Phase angle (T-Score, Z-Score) • Body Cell Mass (T-Score, Z-Score) • Abdominal Fat Analysis (Abdominal Fat, Subcutaneous Fat, Visceral Fat) • Abdominal Obesity Analysis(Waist-Hip Ratio) • Visceral/Subcutaneous Fat Area Ratio • Subcutaneous Fat Area • Visceral Fat Area • Body Fat History(Weight, Body Fat Mass, Abdominal Fat, Subcutaneous Fat, Visceral Fat) • Research parameters(Waist Circumference, Obesity Degree, Waist-Height Ratio, Body Adiposity Index, A Body Shaped Index, Conicity Index, Basal Metabolic Rate, ECW/TBW, SMI, FMI, Skeletal Muscle Mass-Visceral Fat Ratio) • Impedance (Each segment and each frequency) Graph

* Blood pressure information can only be printed when the blood pressure monitor is connected.

* Visceral Fat Result Sheet can be printed always from the InBody, except the main results related to abdominal part are shown when Yscope is measured.

E. Functional Specifications

Optional Equipment	Stadiometer, Blood pressure monitor, Yscope, InBodyBAND2 from InBody
Logo	Name, Address, and Contact Information can be shown on the InBody Result Sheet.
Digital Results	LCD Monitor, Web, Data management software LookinBody
Types of Result Sheets	InBody Result Sheet, InBody Result Sheet for Children, Body Water Result Sheet, Research Result Sheet, Comparison Result Sheet, Evaluation Result Sheet, Visceral Fat Result Sheet
Voice Guidance	Provides audible indication for the test in progress, test complete, and successfully saved settings changes.
Database	Test results can be saved if the member ID is utilized. The InBody can save up to 100,000 results.
Test Mode	Self Mode, Professional Mode
Administrator Menu	Setup: Configure settings and manage data FAQ: Additional information to help use the InBody970
USB Thumb Drive	Copy the InBody970 data (can be viewed on Excel or LookinBody data management software), backup, or restore the InBody970 data
Barcode Reader	The member ID will be automatically inputted when the barcode ID is scanned.

InBody BAND2 Recognition	Recognizes the user's InBodyBAND2 to enter personal information automatically in the InBody970.
Fingerprint Recognition Function	Recognizes the user's fingerprint to enter personal information automatically in the InBody970.
Backup Data	Backup the data saved in the InBody on an USB Thumb Drive; Restore results on the InBody from a backed up file.
QR Code	By scanning the QR codes, the results of the InBody examination is sent to and verified by the results management website (InBodyCare).

* "QR Code" is registered trademark of DENSO WAVE INCORPORATED.

F. Other Specifications

Applied Rating Current	70 μ A(\pm 10 μ A) @1kHz 300 μ A(\pm 30 μ A) @5kHz, 50kHz, 250kHz, 500kHz, 1MHz, 2MHz, 3MHz		
Adapter	Bridgepower (BPM040S12F07)	Power Input	AC 100-240V, 50/60Hz, 1.2A(1.2A-0.6A)
		Power Output	DC 12V $\overline{\text{---}}$ 3.4A
	Mean Well (GSM 40A12)	Power Input	AC 100-240V, 50/60Hz, 1.0-0.5A
		Power Output	DC 12V $\overline{\text{---}}$ 3.34A
Display Type	1280 \times 800 10.1 inch Color TFT LCD		
Internal Interface	Touchscreen, Keypad, Bluetooth 2.1, Bluetooth 4.2		
External Interface	RS-232C 4EA, USB HOST 2EA, USB SLAVE 1EA, LAN(10/100T) 1EA, Bluetooth 1EA, Wi-Fi 1EA		
Compatible Printer	Laser/Inkjet Printers (Printers recommended by InBody) * A list of printers compatible with the InBody can be found at http://www.inbodyservice.com		
Dimension	21.17 (W) x 37.9 (L) x 48.8 (H) in 614.1(W) \times 963.8(L) \times 1239.3(H): mm		
Equipment Weight	101.4lb (46kg)		
Testing Time	About 70 seconds		
Operation Environment	50 ~ 104°F (10 ~ 40°C), 30~75% RH, 70~106kPa		
Storage Environment	14 ~ 158°F (-10 ~ 70°C), 10~80% RH, 50~106kPa (No Condensation)		
Testing Weight Range	11.0 ~ 661.4lb (5 ~ 300kg)		
Testing Age Range	3 ~ 99 years		
Height Range	3ft 1.40in ~ 7ft 2.61in (95 ~ 220cm)		

* Specifications are subject to be changed without prior notice.

* This product is a medical device. Please read the WARNINGS and PRECAUTIONS before you use it.

