

# InBody970

## User's Manual

### **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 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 preventive medicine 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 treated for various diseases.

- Medical check-up: Four body composition analysis can be identified for the risk of developing diseases that are highly related to body composition imbalance like obesity, malnutrition, fluid imbalance and osteoporosis for medical check-up
  - Obesity: Percent body fat has been recommended 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 measurement is an essential part of health assessments for children and adolescents. Percent Body fat is better than the indicators of weight status to identify children and adolescents with unfavorable lipid profile.
  - Sarcopenia: InBody provides a quick, easy to perform test that provides a calculation for skeletal muscle index (SMI), the sum of the lean mass in the arms and legs, normalized for height. This marker is useful in identifying low muscle in the appendages, which increases frailty risk.
  - Diabetes & endocrinology: Diabetes is often associated with excess fat, however having insufficient muscle mass is just as detrimental and increases diabetes risk. And visceral fat plays a key role in the development of metabolic and cardiovascular disease.
  - Edema: Over-hydration as assessed by ECW ratio(ECW/TBW) is prevalent in dialysis patients, and is associated with loss of residual renal function, inflammation, malnutrition and hypertension. Monitoring the ECW ratio (ECW/TBW) provides an assessment of fluid accumulation in the extracellular space resulting from compromised cardiovascular function. The patients who did not have ascites originally but have higher ECW/TBW had a higher incidence of ascites in liver cirrhosis.
  - Segmental fluid retention: InBody objectively measures each region of the body separately and provides segmental ECW ratio measures for each of the arms, legs and the trunk, and these measures can be used to detect fluid imbalances resulting from the development or progression of lymphedema.
  - Nutrition: The four primary components of the nutritional assessment are summarized by the mnemonic ABCD, with A standing 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 greatly 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 lean in each segment of body, it helps focusing on building more muscle or correct imbalance.
- \* The InBody970 is not a diagnostic device. To make an accurate diagnosis, the physician needs to commission 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.

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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.

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# InBody970

## User's Manual Contents

### **I. InBody Installation**

A. Product Components	4
B. Installation Environment	5
C. Installation Instructions	5
D. Initial Setting	9
E. Connecting External device	13
F. Precautions for Maintenance	20

### **II. InBody Test**

A. Precautions for Measurement	21
B. Test Instructions	22
C. Test Posture	25

### **III. Transportation and Storage**

A. Cautions during Transportation	26
B. Repacking Instructions	26
C. Transportation and Storage Environment	27

### **IV. Frequently Asked Questions (FAQ)**

A. Regarding the Equipment	28
B. Regarding the Test	30

### **V. Others**

A. Exterior and Functions	31
B. Safety Information	34
C. Product Classification	35
D. Specifications	35
E. Functional Specifications	37
F. Other Specifications	38

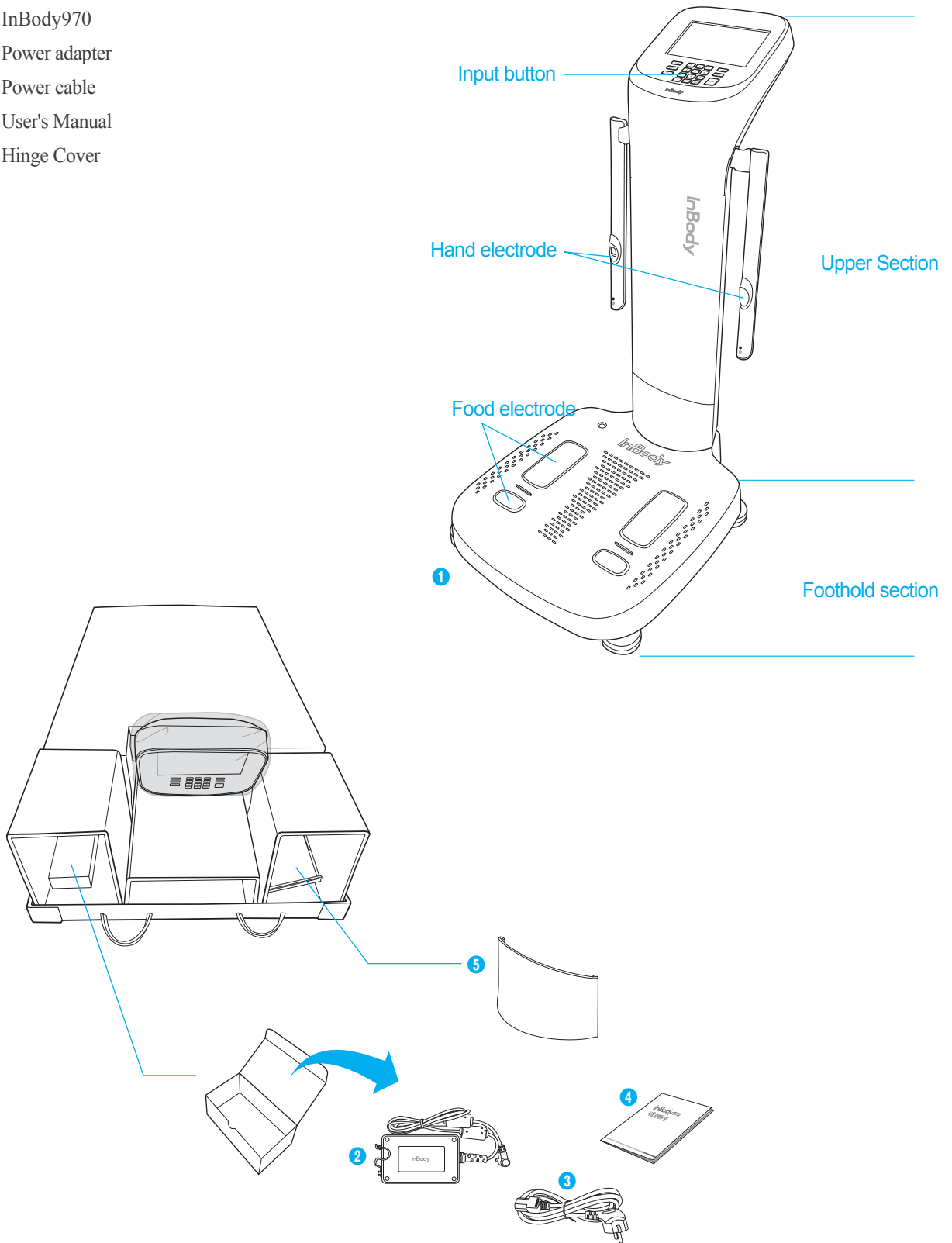
# I. InBody Installation

## 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



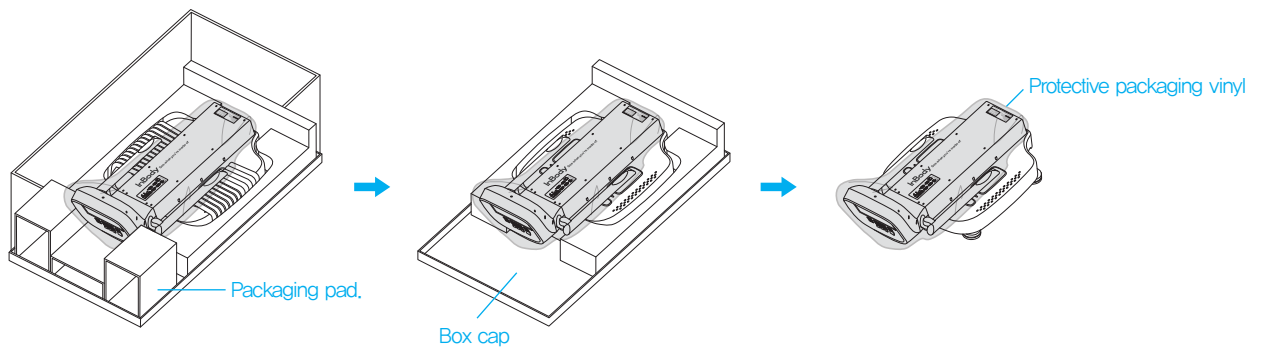
## B. Installation Environment

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

## C. Installation Instructions

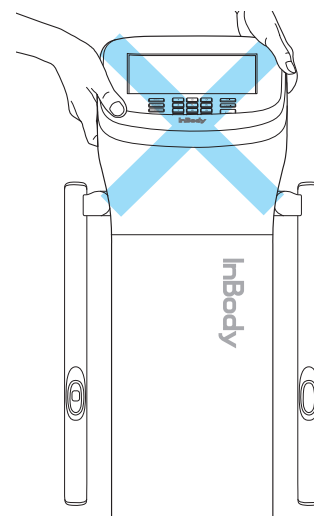
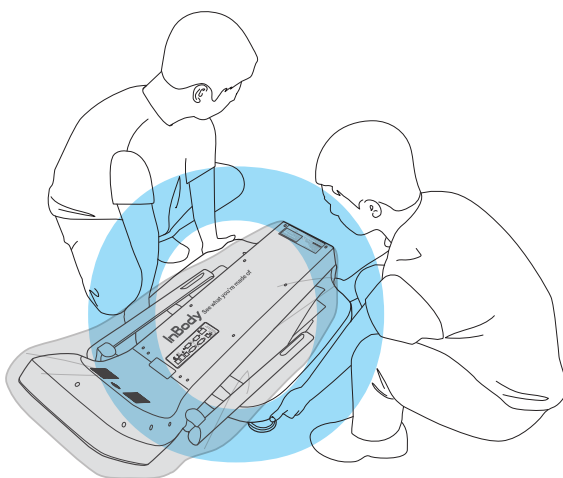
1. Open the Inbody970 packing box and remove the packaging pad. Take the Inbody970 out of the packing box.



### ⚠ 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.

\* Refer to the figure below when transporting InBody970.

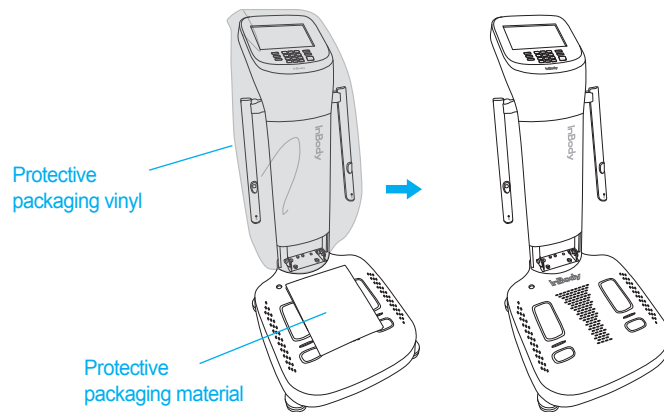


Do not transport InBody970 by holding the head.

 **Caution**

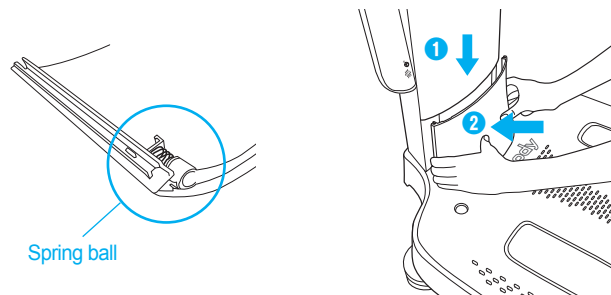
- Using InBody970 in a dry environment or on a carpet may result in static electricity and damage to the equipment. Use an antistatic mat if you need to install in an environment with static electricity.
- Install the InBody970 on the floor that is flat and vibration-free. If the equipment is stored 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

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.



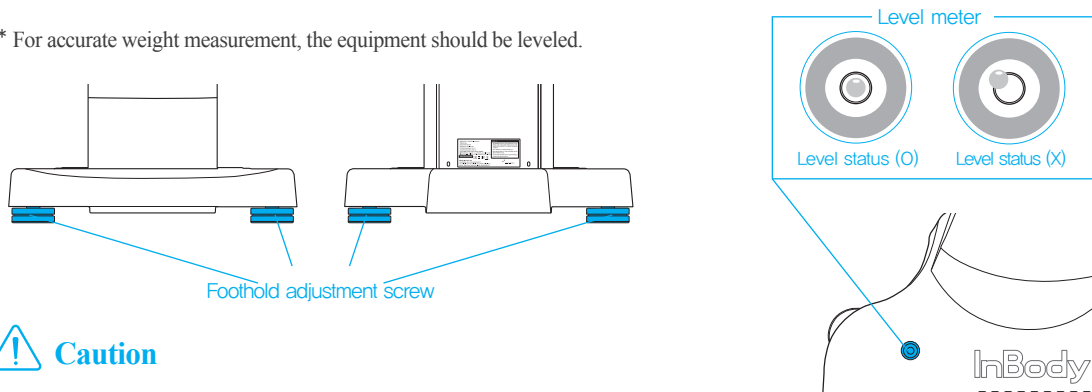
3. When assembling the hinge cover, push it slightly in the vertical direction so that the spring ball is inserted in the stand end, and push the hinge cover into the direction of the arrow.

- \* 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 supportors 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**

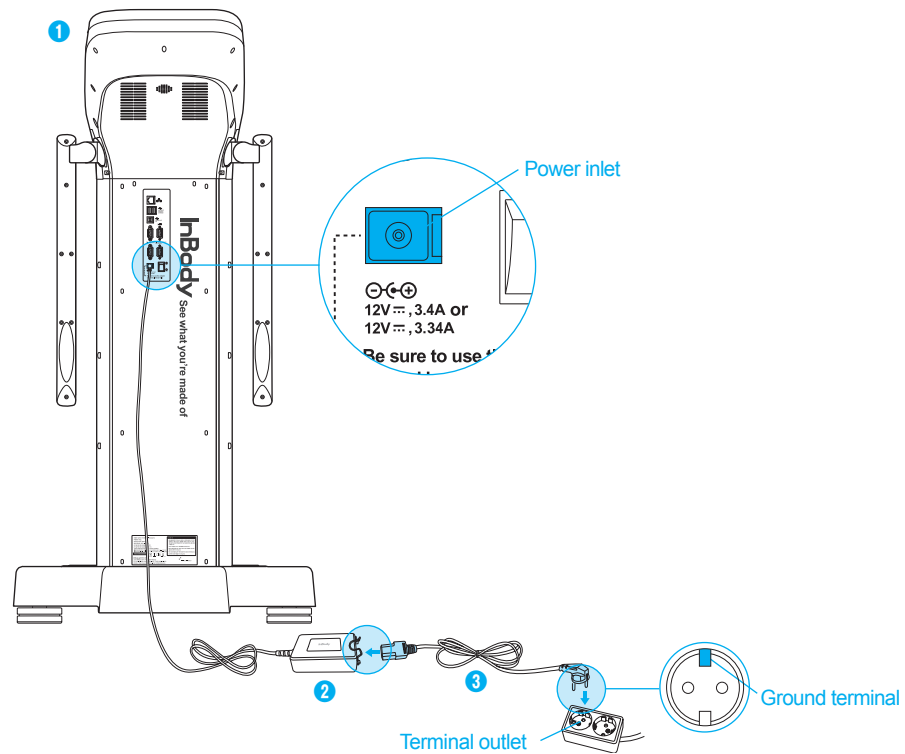
- Be careful not to get your hands hurt when handling the foothold adjustment screw.

InBody



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.

\* The 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.



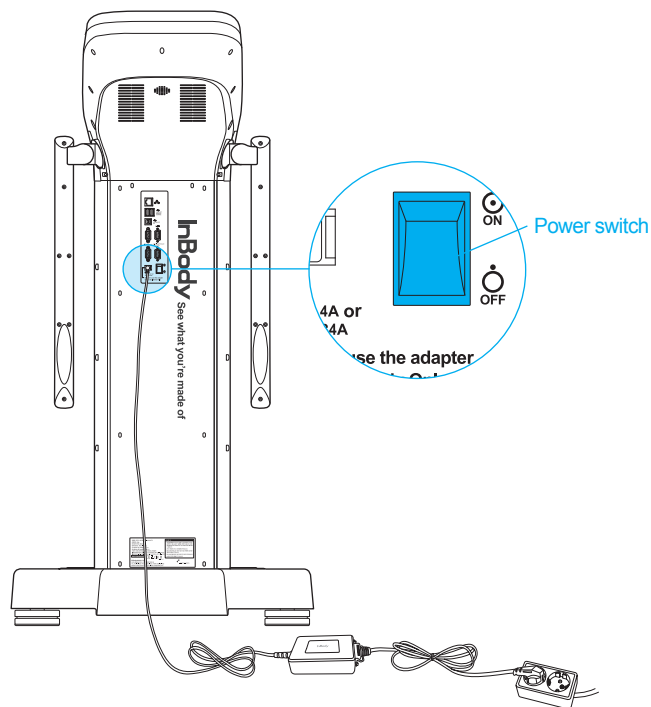
### Warning

- 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.

 **Caution**

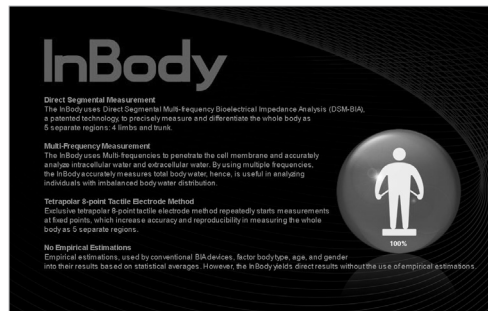
- The equipment may get damaged or malfunctioned due to the electrical shock if plugging into an ungrounded outlet. Or the test results may be inaccurate.
- If InBody970 is subjected to electrical interference, the test results may be inaccurate. Do not install InBody970 in close proximity with fluorescent 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 the InBody970.
- Use the adapter provided by InBody. The InBody970 may malfunction by using other adapters.
- If you are operating the equipment 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 equipment.
- Be careful for the cables connected the equipment not to be pulled. Otherwise, it may cause a weight measurement error.

6. Press the power switch to turn it on.

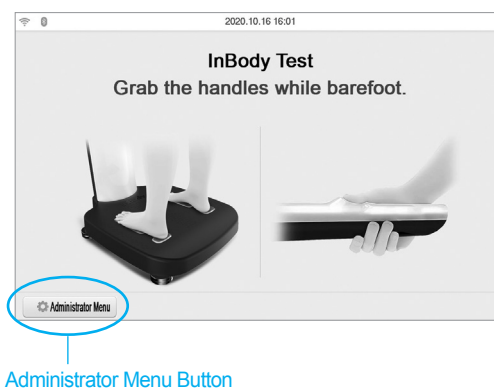


## D. Initial Setting

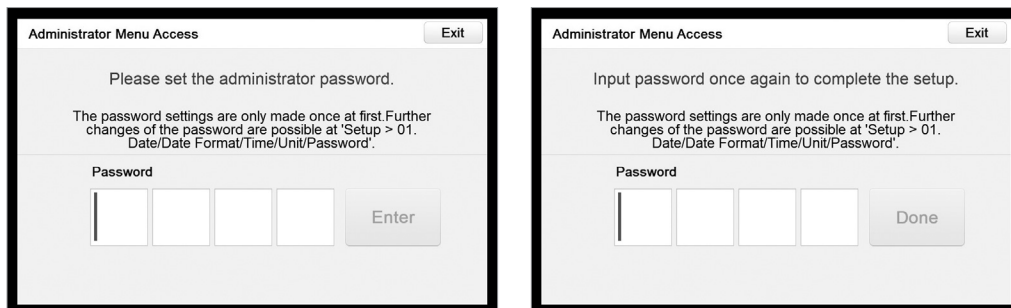
1. The Inbody970 will automatically start booting up when turned on and perform zero weight calibration during boot up. (Do not step up onto the foothold or place objects on the foothold during boot up.)



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

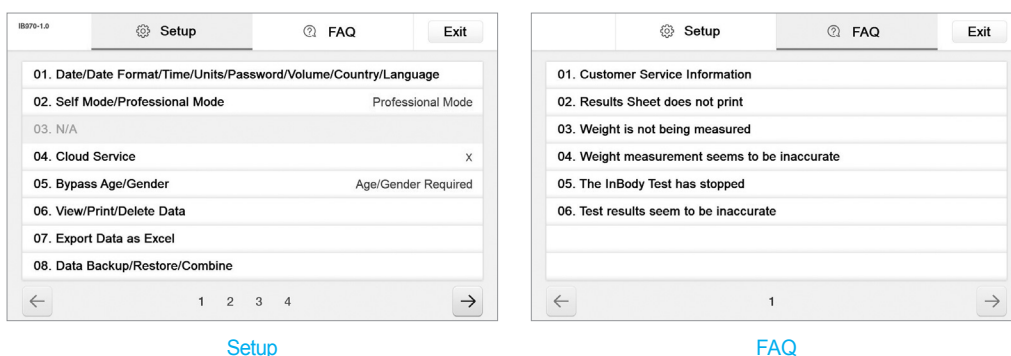


3. Enter the administrator password to set the password. This screen will appear only once for initial password setup.



\* 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.



- 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. Location of Installation  
: This option allows selecting and saving the location where the Inbody970 is installed.
  04. Cloud service  
: This is a service that can be used after agreeing to the privacy policy, and allows to send the results to the website ([www.inbodycare.com](http://www.inbodycare.com)) so that members can check and manage the InBody test results by themselves.
  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 Results Sheet can be printed when a printer is connected to the InBody970.
  10. Results Sheet Types  
: This option allows selecting and setting the Results Sheet type (InBody Results Sheet, InBody Results Sheet for Children, Body Water Results Sheet, Research Results Sheet, Comparison Results Sheet, Evaluation Results Sheet or Visceral Fat Results Sheet).
  11. Automatic Printing Options  
: This option allows setting the Results Sheet to be printed automatically after completing the test. You can print up to two Results Sheets per each Results Sheet type at one time.
  12. Paper Types  
: This option allows setting the paper to use during printing Results Sheet. You can set one of either printer-exclusive paper, provided by InBody, or A4 plain paper.
  13. Outputs/Interpretations for Results Sheet  
: This option allows setting the items or explanations that appear on the right side of InBody Results Sheet, InBody Results Sheet for Children, and Body Water Results Sheet.

14. Results Sheet Custom Logo

: You can preview the logo printed on the upper right of the Results 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 Results 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. Normal Range

: This option allows setting the normal range of BMI, Percent Body Fat, and Waist-Hip Ratio.

\* The ideal value of BMI may also be set.

21. Body Type Results Sheet Normal Range

: This option allows setting the normal value provided by the Body Type Results Sheet

22. Standard Child Growth Curve

: This option allows setting the kinds of standard child growth curve used in the Growth Graph of the InBody Results Sheet for Children.

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. Results 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

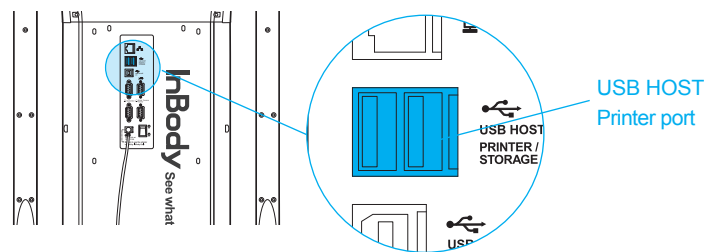
The Results Sheet can be printed if the printer is connected to InBody970.

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

#### 1 Turn off InBody970.

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

- 2 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.



#### 3 Turn on the printer.

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

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

#### 2) Stadiometer

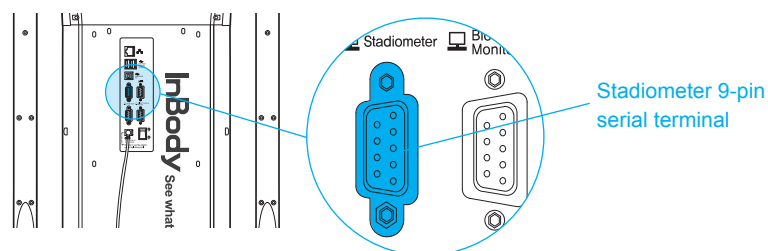
The height values measured by the stadiometer are sent to InBody970 when it is connected to InBody970.

\* Make sure to connect only InBody stadiometer.

#### 1 Turn off InBody970.

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

- 2 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.



#### 3 Turn on the stadiometer.

- 4 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.

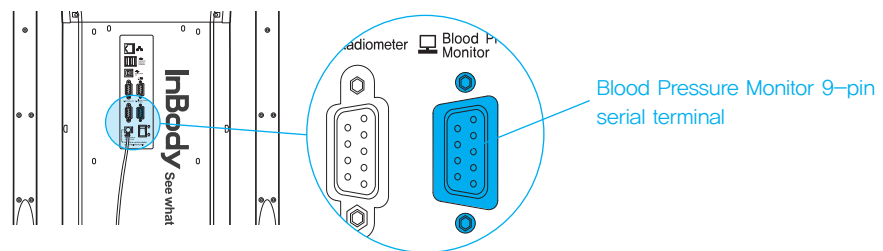
\* Make sure to connect only the InBody970 blood pressure monitor.

\* If you select the type of Results Sheet at "13.Outputs/Interpretations for Results 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 Results 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

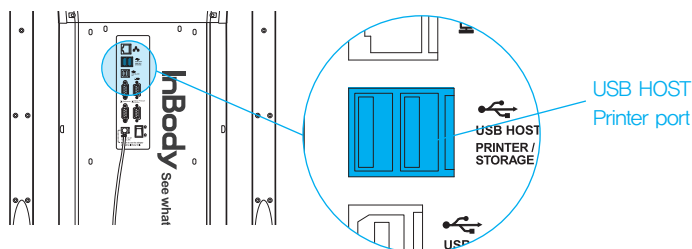
You can enter the membership number automatically by connecting the barcode reader to InBody970.

\* 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.



## 5) LookinBody

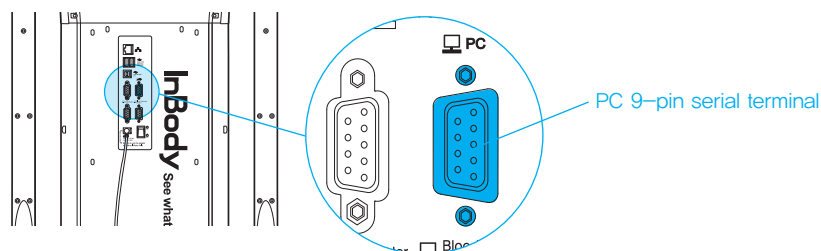
By connecting LookinBody to InBody970, you can use the measurement data management function.

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

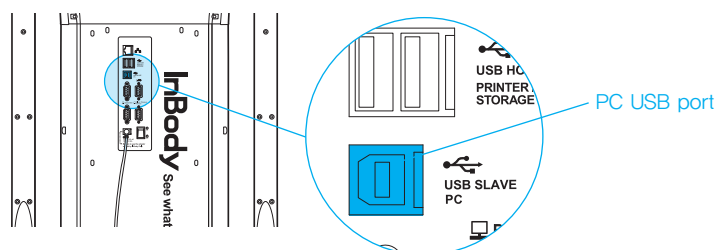
### 1 Turn off InBody970.

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

### 2 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 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.

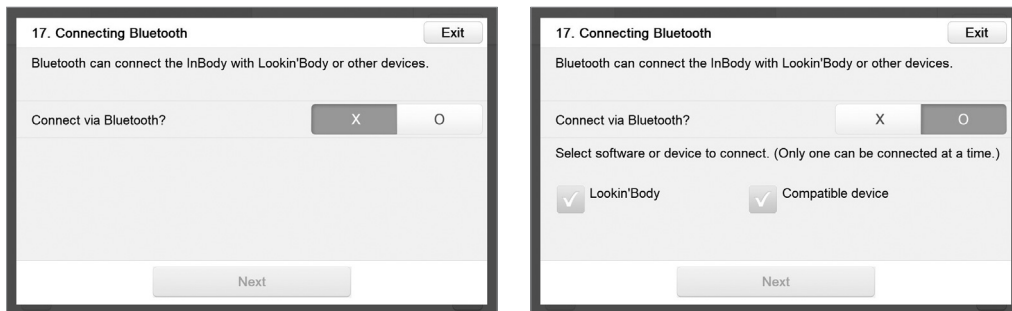


### 3 Turn on InBody970. Then launch LookinBody installed on your PC and follow its instructions to connect to InBody970.

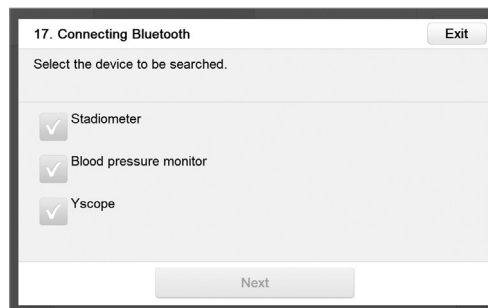
## 2. Connecting Bluetooth

- 1) In the test standby screen without anybody on the foothold, press [Administrator Menu] button.
- 2) Enter the password to enter the Administrator Menu.
- 3) Enter the "17. 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.

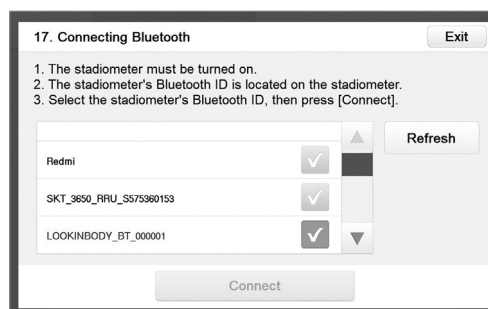


- 5) Turn on one external device to be connected among stadiometer, blood pressure monitor, and Yscope, and check the product name and serial number on the name plate attached to the external device.
- 6) Choose the external device to be connected and then press the Next button.

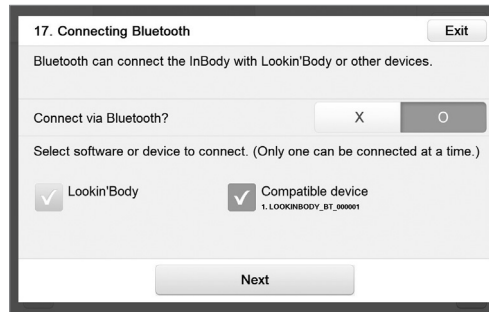


- 7) The external device's Bluetooth ID consists of "Product Name-Serial Number", and select the Bluetooth ID of the device to be paired and press the Connect button.

\* If the Bluetooth ID does not appear or the connection is not good, please contact InBody Customer Service.

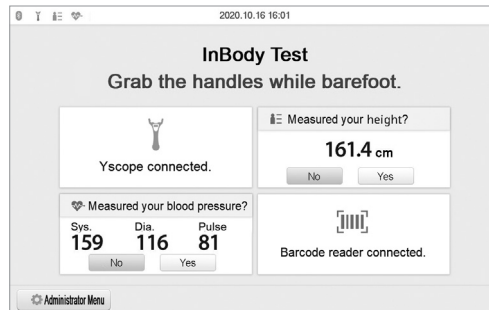


8) If the compatible device is registered properly, the Bluetooth ID of the device connected to the Inbody970 will appear as shown below.



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

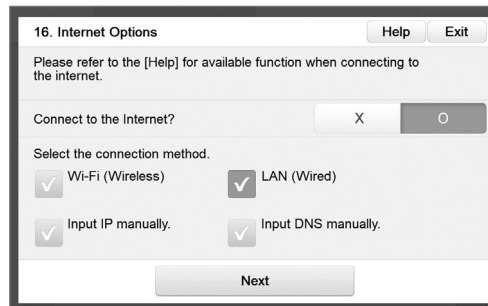
Once InBody970 is connected to the Internet, you can use it to connect with cloud services or LookinBody.

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

#### 1) Connecting LAN

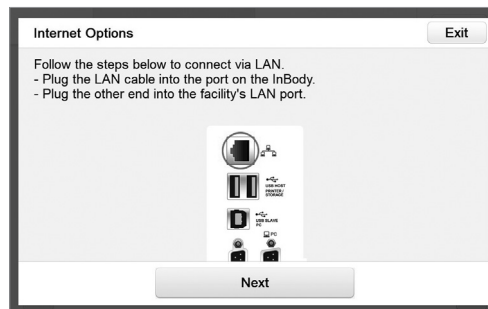
- ❶ In the test standby screen without anybody on the foothold, press [Administrator Menu] button.
- ❷ Enter the password to enter the Administrator Menu.
- ❸ Go to "16.Connect to Internet" in Setup.
- ❹ Press LAN and then press Next button.

\* 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.

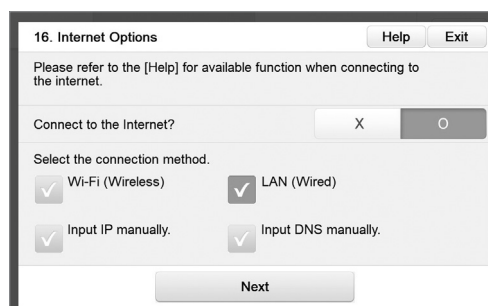


- ❺ Connect the LAN cable to (  ) shape port on the rear of InBody970.

\* 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.



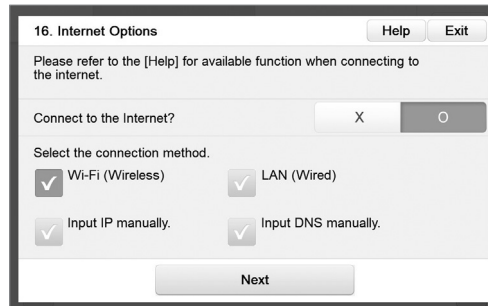
- ❻ You can connect to LookinBody or use the cloud service through LAN after completing internet connection.



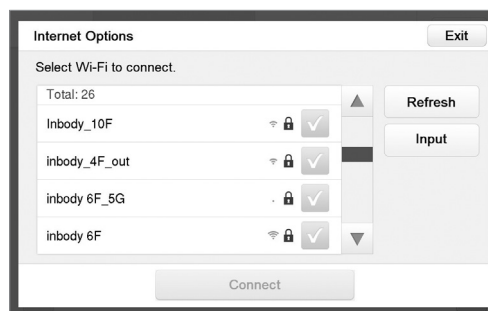
## 2) Connecting W-Fi

- 1 In the test standby screen without anybody on the foothold, press [Administrator Menu] button.
- 2 Enter the password to enter the Administrator Menu.
- 3 Go to "16.Connect to Internet" in Setup.
- 4 Press Wi-Fi and press Next button.

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



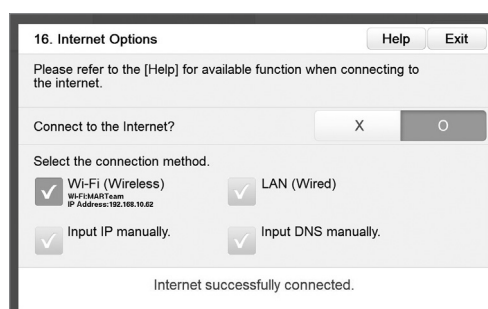
- 5 Select the wireless router to be connected.



- 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. 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.

## 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.



#### 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.

## B. Measurement 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.)

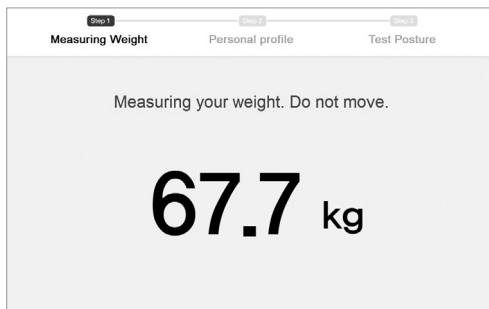
SelfMode: The screen is configured for testing alone.

(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 InBody 970.



3. Connecting InBody BAND2.

\* If InBody BAND2 is connected with iOS, turn off the Bluetooth setting and use it.

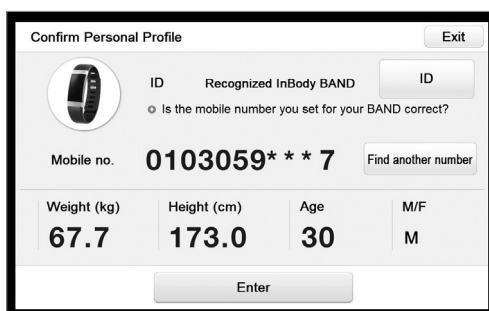
\* The InBody BAND2 firmware version must be "V038N" or later and include "N" at the end of the version name in order to support the interconnection function.

(To check the version of InBody BAND2, select "More" and then select "Preferences" - "Product Settings" in the smartphone app.)

\* If InBody BAND2 is worn but not recognized, please refer to "Regarding the Equipment" in "FAQ". Personal information is received from the In Body BAND2 and displayed on the screen automatically.

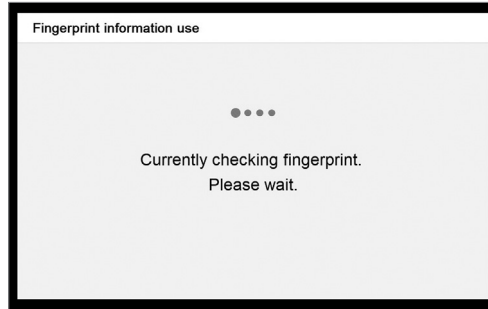


4. The last three digits of the mobile number are marked with \*.



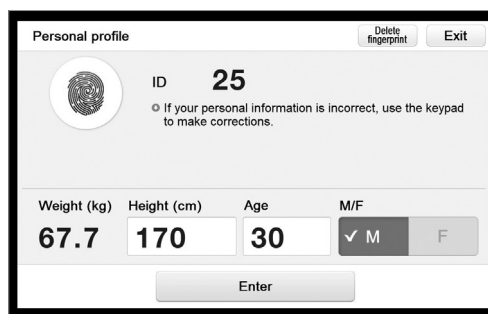


5. After pressing the Exit button or if InBody BAND2 is not recognized, the Inbody970 checks your fingerprint.



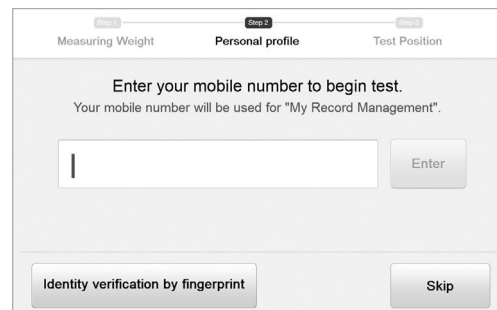
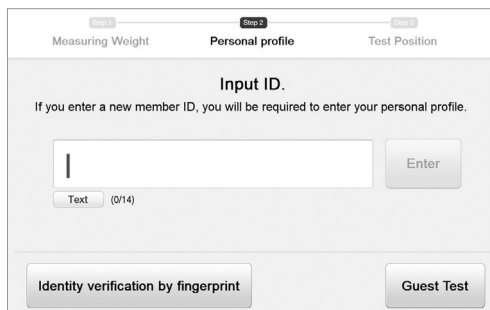
6. If your fingerprint is recognized, the personal information will be automatically displayed on the screen as shown below.

\* 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".

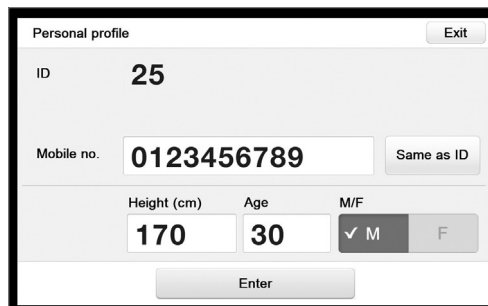


7. If you press Exit on the fingerprint identification screen, you may enter your customer information (ID or mobile number).

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



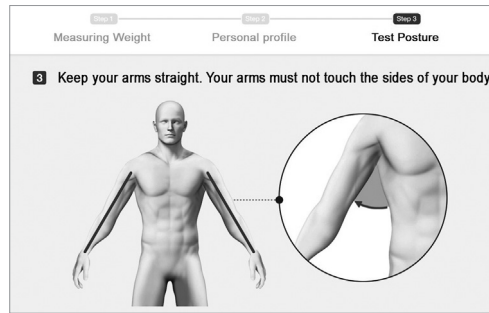
8. If you do not want to enter your ID or mobile number, you can press "Guest Test" or "Skip" button to enter only your height, age, and gender to perform the test.



9. Take a test posture.

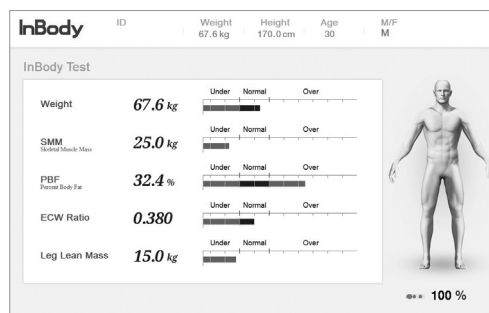
\* For proper test posture, refer to "C.Test Posture".

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



10. InBody Test begins.

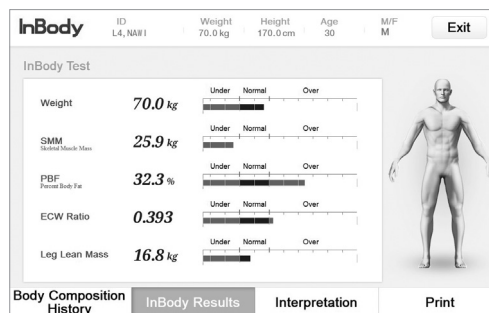
\* It will be taken 70seconds to complete the test.



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

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

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

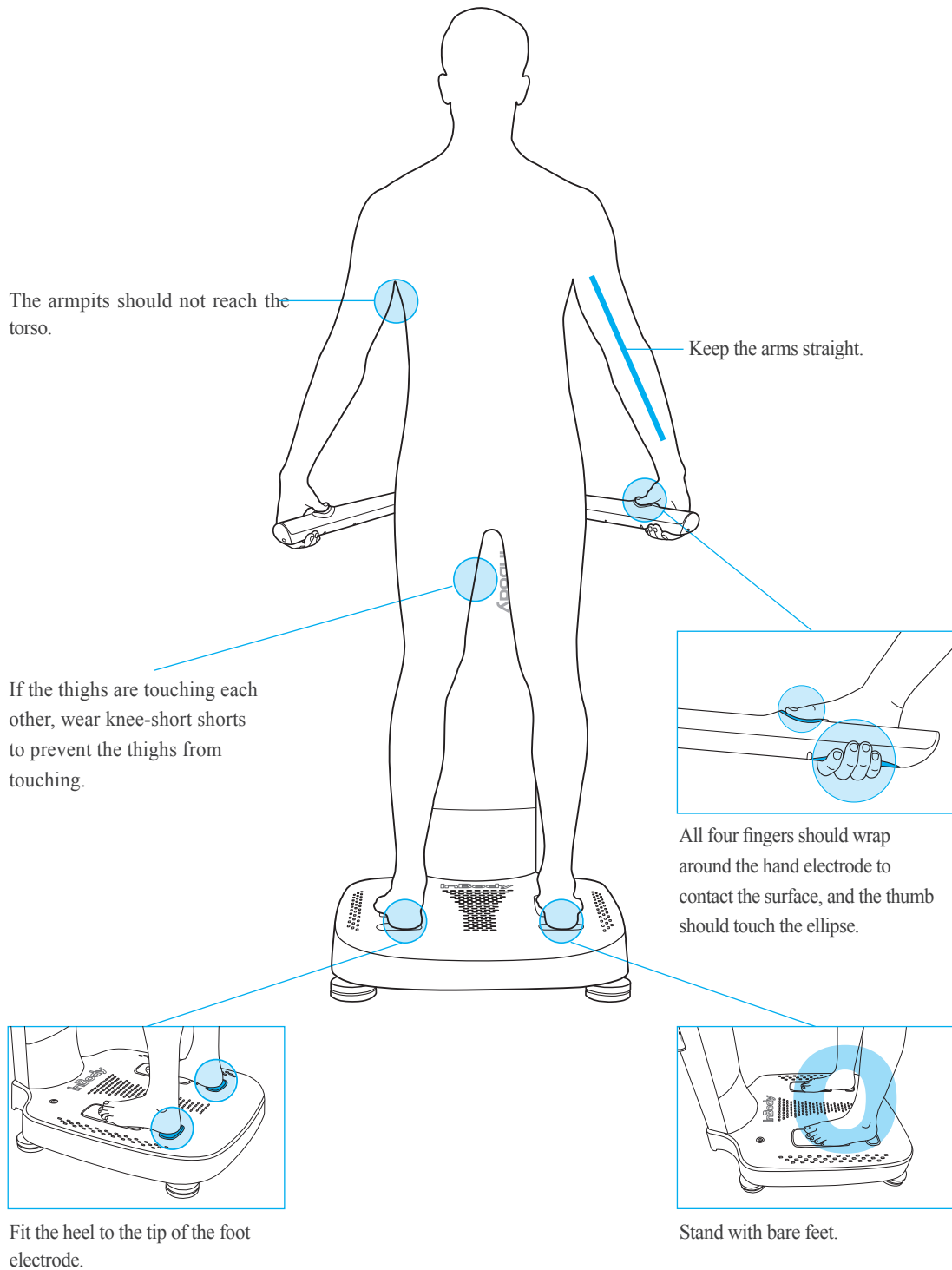


12. Press the Exit button to end the measurement.



### C. Test Posture

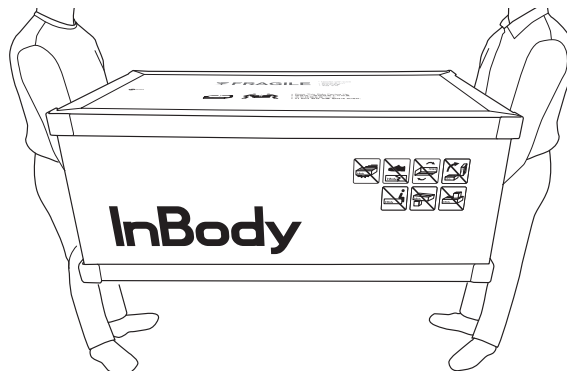
For a proper test result, use a proper posture during the test.



### III. During Transportation

#### A. Cautions during Transportation

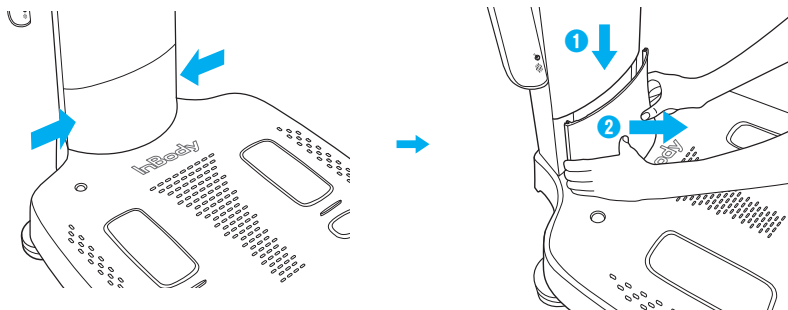
To transport the InBody970 safely, two people should keep the equipment in a horizontal position.



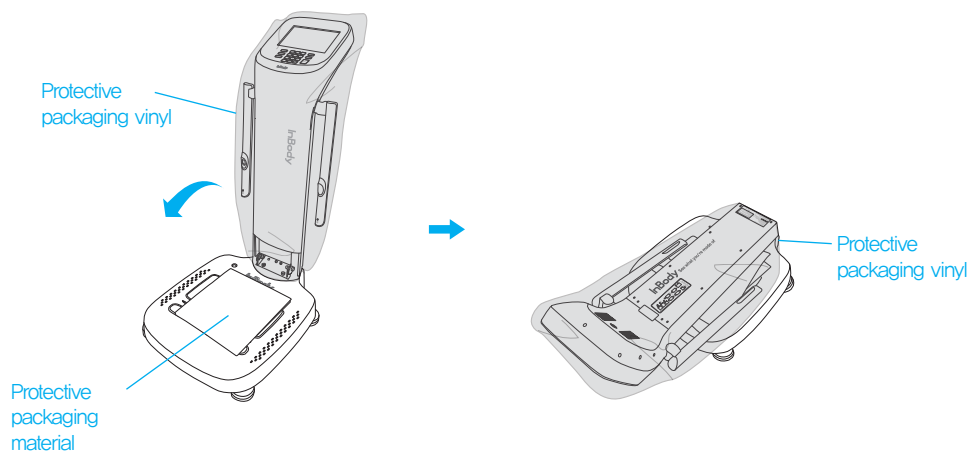
#### B. Repacking Instructions

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.

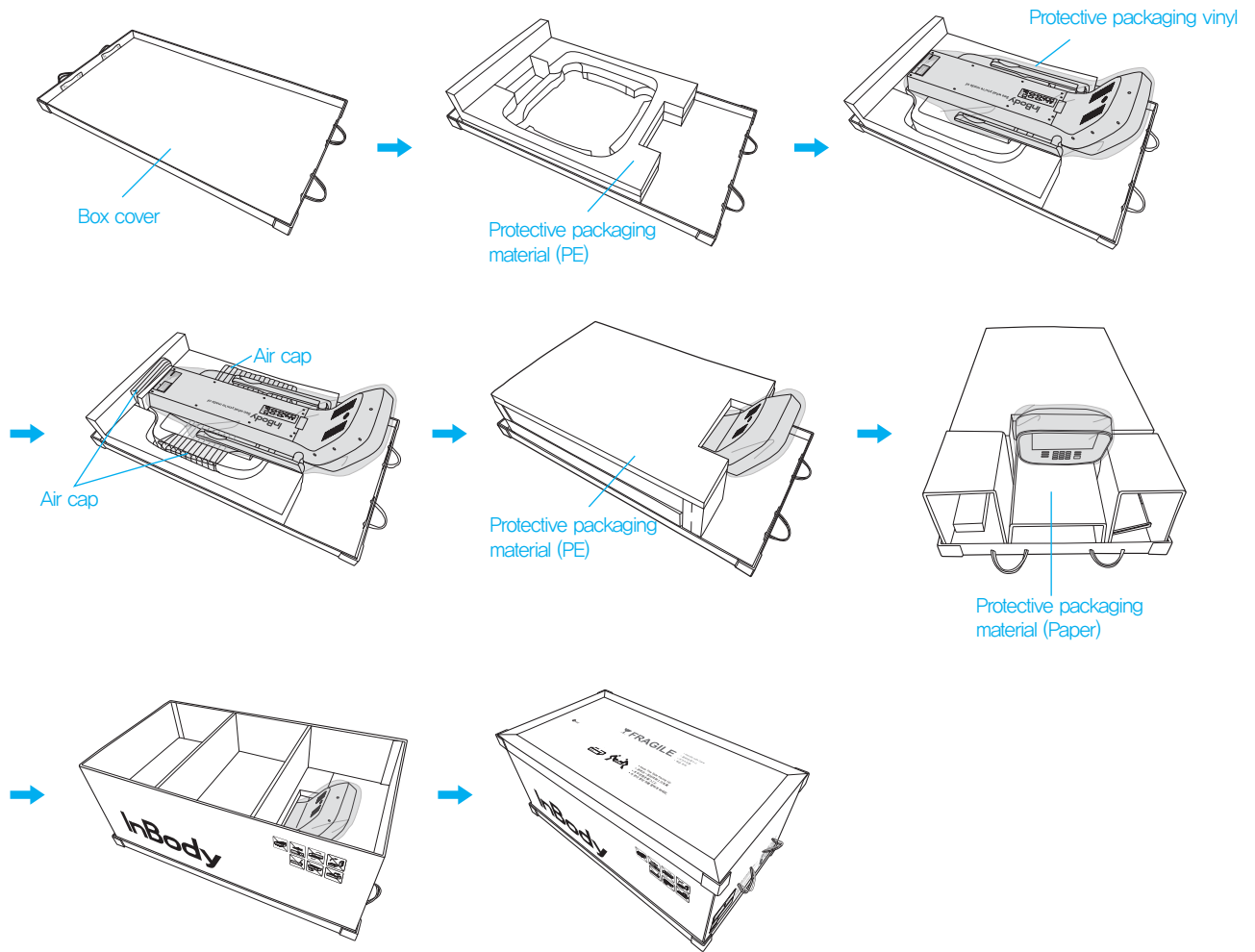
1. Turn off InBody970.
2. Remove all connected adapters, cables, and the hinge cover. Press both gaps of the hinge cover, and press it slightly in the vertical direction and pull it in the arrow direction.



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.

**C. Transportation and Storage Environment**

InBody970 should be transported or stored under the following conditions.

Temperature range	-10 ~ 70°C (14 ~ 158°F)
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'.

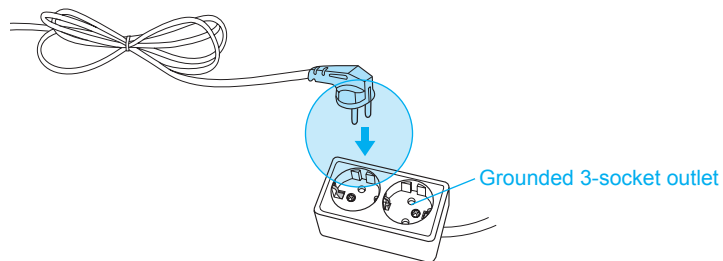
### A. Regarding the InBody

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.

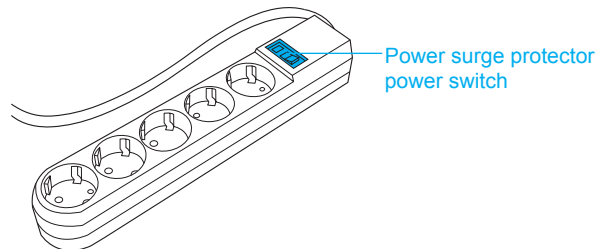
Question	Answer
----------	--------

- My InBody970 does not turn on.

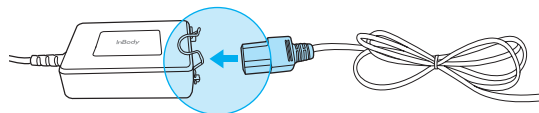
- Insert the power plug completely into a grounded 3-socket outlet.



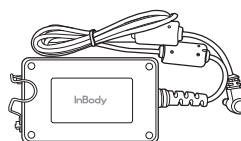
- When using a power surge protector, the equipment may not power on if the power switch on the power surge protector is turned off. Check the power surge protector which the power plug is connected to.



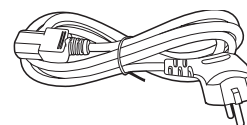
- The problem may occur if the power cord is not completely plugged into the adapter. Insert the power cord completely into the adapter.



- 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"> <li>• My touchscreen is inaccurate or not responsive.</li> </ul>	<ul style="list-style-type: none"> <li>• Calibrate the touchscreen under Settings of the Administrator Menu '23. Touchscreen Alignment'.               <ul style="list-style-type: none"> <li>* Press firmly to optimize touchscreen response.</li> </ul> </li> <li>• 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.</li> </ul>
<ul style="list-style-type: none"> <li>• I would like to connect other equipment to the InBody970.</li> </ul>	<ul style="list-style-type: none"> <li>• Please refer to 'E. Connecting Printer, Thermal Printer, Stadiometer, Blood Pressure Monitor and Barcode Reader' in section 'I. InBody970 Installation' in this User's Manual.</li> </ul>

## 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"><li>• Must socks or stockings be removed for the InBody Test?</li></ul>	<ul style="list-style-type: none"><li>• 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.</li></ul>
<ul style="list-style-type: none"><li>• Is it okay to wear accessories (jewelry, watch, rings, etc) or metal objects while taking the InBody Test?</li></ul>	<ul style="list-style-type: none"><li>• 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.</li></ul>
<ul style="list-style-type: none"><li>• Who cannot take the InBody Test or will have difficulties taking the InBody Test?</li></ul>	<ul style="list-style-type: none"><li>• 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.</li><li>• Children, amputees, or the elderly, may have trouble testing if they cannot hold the hand electrodes or stand still on the foot electrodes.</li></ul>
<ul style="list-style-type: none"><li>• Can a person with metal implants in the body take the InBody Test?</li></ul>	<ul style="list-style-type: none"><li>• 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.</li><li>• 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.</li></ul>
<ul style="list-style-type: none"><li>• I have limited mobility and cannot maintain proper posture for the InBody Test. How can I still be tested?</li></ul>	<ul style="list-style-type: none"><li>• 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.</li></ul>
<ul style="list-style-type: none"><li>• Is the electric current harmful to the body?</li></ul>	<ul style="list-style-type: none"><li>• 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.</li></ul>
<ul style="list-style-type: none"><li>• How often should I take the InBody Test?</li></ul>	<ul style="list-style-type: none"><li>• 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.</li><li>• Consistent testing will allow individuals to track and monitor their progress over time.</li></ul>
<ul style="list-style-type: none"><li>• What are the precautionary steps to ensure accuracy of the InBody Test?</li></ul>	<ul style="list-style-type: none"><li>• Please refer to ‘A. Precautionary Steps’ in section ‘II. InBody Test’ in this User’s Manual.</li></ul>



## V. Others

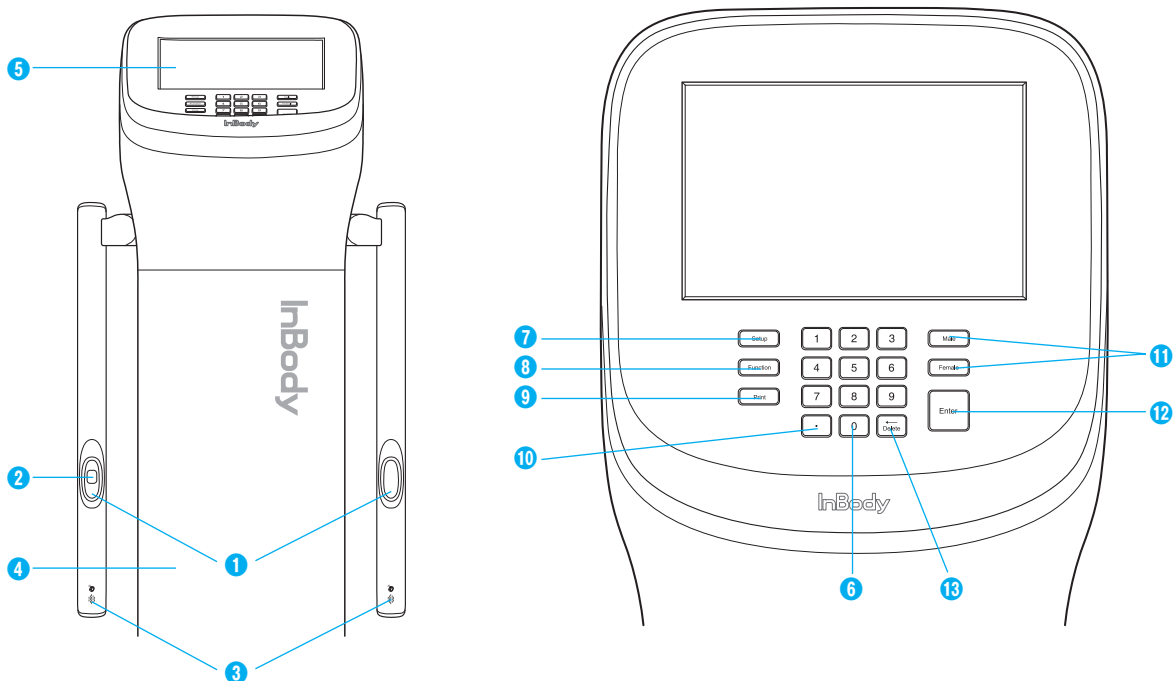
### A. Exterior and Functions

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

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

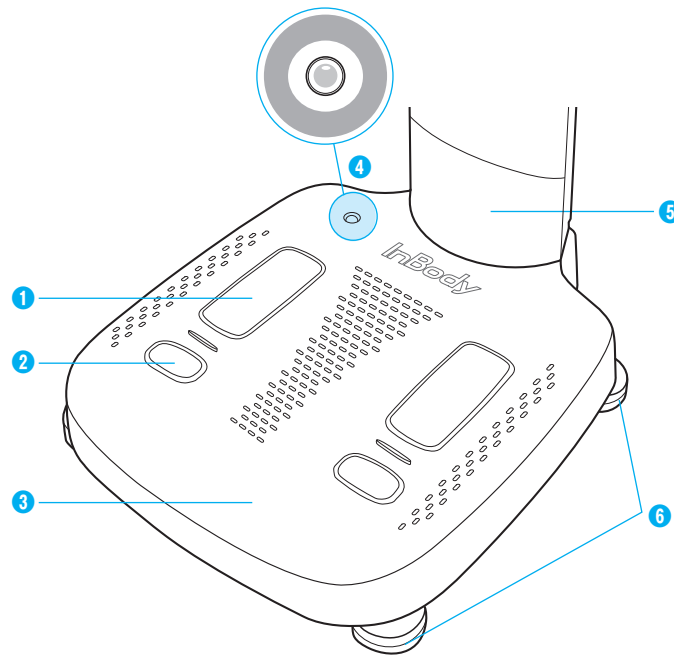
#### 1. Upper Section

- ❶ Hand electrode: For testing, all four fingers wrap around the hand electrode to contact the surface, and the thumb touches the ellipse.
- ❷ Fingerprint recognition sensor: Recognizes fingerprint of the left thumb and save or load the personal information automatically.
- ❸ InBody BAND2 recognition sensor: Receives personal information in wireless connection with InBody BAND2.
- ❹ Body: Connects upper section and the lower section.
- ❺ 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.
- ❻ Number button: Used to enter numeric data such as age and height.
- ❼ Setup button: Used to enter the "Setup" in Administrator Menu from the test standby screen.
- ❽ Function button: Used to enter the "FAQ" in Administrator Menu from the test standby screen.
- ❾ Print button: Used to reprint test results.
- ❿ Decimal point button: Used to enter the decimal point in ID, height, age and weight.
- ⓫ Gender button: Used to enter gender. (Male:Man, Female:Woman)
- ⓬ Enter button: Used when input is completed or changes are saved in the Administrator Menu.
- ⓭ Delete button: Used to delete the entered data.



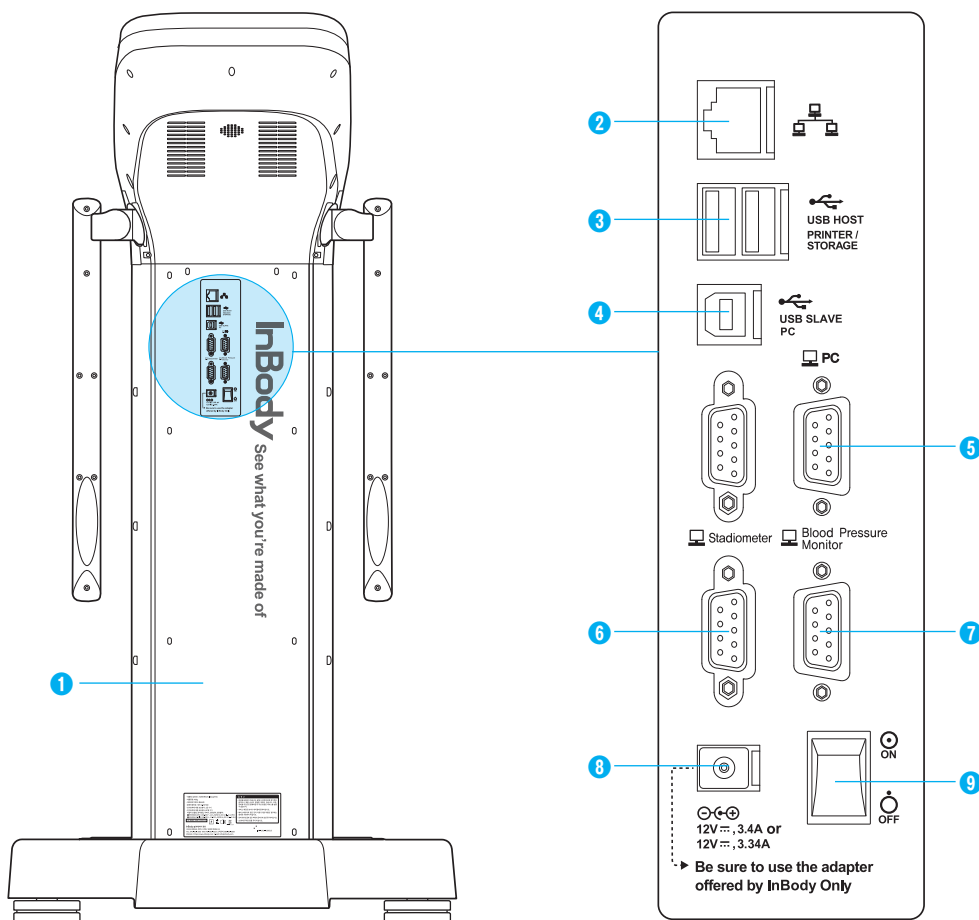
## 2. Footplate

- ❶ Front sole electrode: The examinee makes contact with this electrode by stepping with the front part of their foot.
- ❷ Rear sole electrode: The examinee makes contact with this electrode by stepping with the heel of their foot.
- ❸ Footplate: This is connected to the scale, which measures the examinee's weight.
- ❹ Level Indicator: Indicates the current horizontal level of the InBody970.
- ❺ Joint: Joins the upper part and lower part of the equipment together.
- ❻ 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 Lookin'Body120 installed on the PC via wire connection.
  - \* You can connect InBody970 to Lookin'Body120 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 Lookin'Body120 installed on PC.
  - \* You can connect InBody970 to Lookin'Body120 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 Lookin'Body120 installed on the PC.
  - \* You can connect InBody970 to Lookin'Body120 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 equipment on and off.









## B. Safety Information








### Indicators

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

### Safety Symbols

	Dangerous High Voltage
	Warning, Caution
	BF Type Equipment
 12V~, 3.4A/3.34A	Adapter
	Power On
	Power Off

### Etc. Symbols

	European Conformity		Serial number
	Manufacturer		Direct 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.

### C. Product 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 Results Sheet)	Results and Interpretations <ul style="list-style-type: none"> <li>• Body Composition Analysis(Total Body Water, Protein, Minerals, Body Fat Mass, Soft Lean Mass, Fat Free Mass,Weight)</li> <li>• Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass)</li> <li>• Obesity Analysis (Body Mass Index, Percent Body Fat)</li> <li>• Segmental Lean Analysis (Based on ideal weight/Based on current weight: Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Segmental Body Fat Analysis (Based on ideal weight/Based on current weight: Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Segmental ICW Analysis (Based on ideal weight/Based on current weight: Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Segmental ECW Analysis (Based on ideal weight/Based on current weight: Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• ECW Ratio Analysis (ECW Ratio)</li> <li>• Body Composition History (Weight, Skeletal Muscle Mass, Percent Body Fat, ECW Ratio)</li> <li>• InBody Score</li> <li>• Visceral Fat Area (Graph)</li> <li>• Weight Control (Target Weight, Weight Control, Fat Control, Muscle Control)</li> <li>• Body Type (Graph)</li> <li>• Nutrition Evaluation (Protein, Minerals, Fat Mass)</li> <li>• Obesity Evaluation (BMI, Percent Body Fat)</li> <li>• Body Balance Evaluation(Upper, Lower, Upper-Lower)</li> <li>• Waist-Hip Ratio (Graph)</li> <li>• Visceral Fat Level (Graph)</li> </ul>	

	<ul style="list-style-type: none"> <li>• Research Parameters (Intracellular Water, Extracellular Water, Skeletal Muscle Mass, Fat Free Mass, Basal Metabolic Rate, Waist-Hip Ratio, Waist Circumference, Visceral Fat Level, Visceral Fat Area, Obesity Degree, Bone Mineral Content, Body Cell Mass, Arm Circumference, Arm Muscle 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)</li> <li>• Results Interpretation QR Code</li> <li>• QR Code</li> <li>• Segmental Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Whole Body Phase Angle (50kHz: the right side of the body)</li> <li>• Impedance (Each segment and each frequency) Graph</li> </ul>
<p>Outputs (InBody Result Sheet for Children)</p>	<p>Results and Interpretations</p> <ul style="list-style-type: none"> <li>• Body Composition Analysis (Total Body Water, Protein, Soft Lean Mass, Minerals, Fat Free Mass, Body Fat Mass, Weight)</li> <li>• Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass)</li> <li>• Obesity Analysis (Body Mass Index, Percent Body Fat)</li> <li>• Growth Graph (Height, Weight, BMI)</li> <li>• Body Composition History (Height, Weight, Skeletal Muscle Mass, Percent Body Fat)</li> <li>• Growth Score</li> <li>• Weight Control (Target Weight, Weight Control, Fat Control, Muscle Control)</li> <li>• Nutrition Evaluation (Protein, Minerals, Fat Mass)</li> <li>• Obesity Evaluation (BMI, Percent Body Fat)</li> <li>• Body Balance Evaluation (Upper, Lower, Upper-Lower)</li> <li>• Segmental Lean Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Segmental Body Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Research Parameters (Intracellular Water, Extracellular Water, Skeletal Muscle Mass, Basal Metabolic Rate, Child Obesity Degree, Bone Mineral Content, FMI, Body Cell Mass, FFMI)</li> <li>• Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product)</li> <li>• Results Interpretation QR Code</li> <li>• QR Code</li> <li>• Segmental Phase Angle (5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Whole Body Phase Angle (50kHz: the right side of the body)</li> <li>• Impedance (Each segment and each frequency) Graph</li> </ul>
<p>Body Water Results Sheet</p>	<p>Results and Interpretations</p> <ul style="list-style-type: none"> <li>• Body Water Composition (Total Body Water, Intracellular Water, Extracellular Water)</li> <li>• Extracellular Water Ratio Analysis (ECW Ratio)</li> <li>• Segmental Body Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Segmental Body Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Segmental Intracellular Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Segmental Extracellular Water Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Body Water Composition History (Weight, Total Body Water, Intracellular Water, Extracellular Water, Extracellular Water Ratio)</li> <li>• Body Composition Analysis (Protein, Minerals, Body Fat Mass, Fat Free Mass, Bone Mineral Content)</li> <li>• Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Soft Lean Mass, Body Fat Mass)</li> <li>• Obesity Evaluation (BMI, Percent Body Fat)</li> <li>• Research Parameters (Intracellular Water, Extracellular Water, Skeletal Muscle Mass, Fat Free Mass, Basal Metabolic Rate, Waist-Hip Ratio, Waist Circumference, Visceral Fat Level, Visceral Fat Area, Obesity Degree, Bone Mineral Content, Body Cell Mass, Arm Circumference, Arm Muscle 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)</li> <li>• Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product)</li> <li>• Results Interpretation QR Code</li> <li>• QR Code</li> <li>• Segmental Phase Angle(5kHz, 50kHz, 250kHz: Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Whole Body Phase Angle (50kHz: the right side of the body)</li> <li>• Impedance (Each segment and each frequency) Graph</li> </ul>
<p>Body Type Results Sheet</p>	<ul style="list-style-type: none"> <li>• Outer Circumference (Neck, Chest, Abdomen, Hip, Right Arm, Left Arm, Right Thigh, Left Thigh)</li> </ul>

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

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

\* Visceral Fat Results 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 Results Sheet.
Digital Results	LCD Monitor, Web, Data management software LookinBody
Types of Results Sheet	InBody Results Sheet, InBody Results Sheet for Children, Body Water Results Sheet, Research Results Sheet, Comparison Results Sheet, Evaluation Results Sheet, Visceral Fat Results 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	Recognizing the measurer's InBodyBAND2, enter personal information automatically in the Inbody970.
Fingerprint Recognition Function	Recognizing the measurer's fingerprint, enter personal information automatically in the Inbody970.
Backup Data	Scanning QR codes send and verify the results of the InBody examination to the results management website (InBodyCare).
QR Code	Scanning QR codes send and verify the results of the InBody examination to the results management website (InBodyCare).

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

## F. Other Specifications

Applied Rating Current	70 $\mu$ A( $\pm$ 10 $\mu$ A) @1kHz 300 $\mu$ A( $\pm$ 30 $\mu$ 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 (GSM40A12)	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 <a href="http://www.inbodyservice.com">http://www.inbodyservice.com</a>		
Dimension	614.1(W) $\times$ 963.8(L) $\times$ 1239.3(H): mm		
Equipment Weight	46kg (101.4lb)		
Testing Time	About 70 seconds		
Operation Environment	10 $\sim$ 40°C (50 $\sim$ 104°F), 30 $\sim$ 75% RH, 70 $\sim$ 106kPa		
Storage Environment	-10 $\sim$ 70°C (14 $\sim$ 158°F), 10 $\sim$ 80% RH, 50 $\sim$ 106kPa (No Condensation)		
Testing Weight Range	5 $\sim$ 300kg (11.0 $\sim$ 661.4lb)		
Testing Age Range	3 $\sim$ 99 years		
Height Range	95 $\sim$ 220cm (3ft 1.40in $\sim$ 7ft 2.61in)		

\* 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.









inbody.com

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