

InBody380

User's Manual **USA**

Intended Use

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

InBody User's Manual for Measurement Guide and Setup

Thank you for purchasing the InBody.
This user's manual describes all the features of the InBody.
Please read before use and keep it in a safe place.
By following the manual instructions,
you will be able to use the InBody more safely and effectively.

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1 Safety

1.1 Safety Symbols used in the User's 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 avertissements et des réglementations de sécurité peut des blessures graves ou la mort.



Attention

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

1.2 Precautions for Use



Warning

- Individuals with medical implant devices such as pacemakers, or essential support devices such as patient monitoring systems, must not use this device. Safe, micro alternative currents will flow through the body during the test, malfunctioning of the device which can lead to endangering your life. InBody Co., Ltd. shall not be liable for any damages to an individual or an equipment that occurred by not complying with the content above.
- The Bioelectrical Impedance Analysis (BIA) method does not harm the human body because it uses micro alternative currents. However, if you are pregnant, please consult your doctor or specialist.
- It is not recommended to use the device with an individual who has a contagious disease or an infectious disease. If an individual with any kind of contagious disease or infection tests on the InBody, use an InBody Tissue to clean the device.
- Do not pour the liquid cleaner when cleaning the device. If liquid cleaner flows into the device, it may cause an equipment failure or an electric shock due to a short circuit.
- Do not use this device for any purpose other than body composition analysis or weight measurement.
- This product is not a diagnostic device. To make an accurate diagnosis, consult your doctor.
- Do not support yourself on the device when stepping up or down from the footplate.
- Please be careful not to trip or get your foot caught in the footplate.



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.*
- *Il n'est pas recommandé aux personnes souffrant d'une maladie contagieuse ou infectieuse d'utiliser cet appareil. Si une personne souffrant de toute forme de maladie contagieuse, ou d'infection, utilise l'appareil InBody, utilisez une lingette InBody pour nettoyer l'appareil.*
- *Ne pas verser de détergent liquide sur l'appareil au moment de le nettoyer. Si un liquide devait s'infiltrer dans l'appareil, cela pourrait provoquer une défaillance de l'appareil ou un risque d'électrocution.*
- *N'utilisez pas cet appareil à toute autre fin que l'analyse de la composition corporelle ou la prise de poids.*
- *Ce produit n'est pas un appareil servant à poser un diagnostic. Afin d'obtenir un diagnostic adéquat, veuillez consulter votre médecin.*
- *Ne vous appuyez pas sur l'équipement lorsque vous montez ou descendez de la plateforme.*
- *Attention à ne pas trébucher ou à vous coincer un pied sur le côté de la plateforme.*



Caution

- This is a sensitive device which precisely measures the body composition. If you test near electronic products such as refrigerators, TVs or right under fluorescent lights, the test results may be inaccurate. Please use the device away from electronic devices.
- Do not use the device in a humid space such as a bathroom, as excessively high or low temperature, humidity, and pressure may affect the operation of the device. Use in the installation environment specified in the product specifications.
- Do not allow any liquid substances to contact the device directly. Keep food and drinks away from the device. Substances getting inside the device can cause critical damage to the electronic components.
- Do not disassemble or modify the device including internal parts without written consent from the manufacturer. This may cause electric shock or injury, device malfunction, inaccurate test results, and will void the manufacturer's warranty.
- Children or people with restricted mobility should be tested with the help of an instructor or assistant.
- When storing the device for a long period of time, store it on a flat surface after turning off the device, unplugging the adapter, and packing the device.
- Dispose of the device and its batteries in accordance with the relevant local laws and regulations.
- Repairs and inspections can only be performed by InBody's technician. For repairs and inspections, contact the customer service.
- Failure to follow these instructions may result in product damage or inaccurate test results.
- Failure to comply with safety precautions and regulations may result in the user suffering injuries or incurring property damage.



Attention

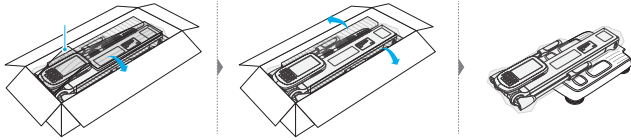
- *Si le InBody subit des interférences électriques, les résultats des analyses peuvent s'avérer inexacts. Ne pas installer le InBody à proximité d'éclairage fluorescent, de grands équipements à moteur CA, comme des tapis roulants, plaques de vibration, réfrigérateurs, climatiseurs, compresseurs, dispositifs de traitement par la chaleur à haute fréquence et des appareils de chauffage qui causent des interférences. Lorsque le InBody et un dispositif qui cause des interférences sont branchés dans la même prise, changez l'un ou l'autre de prise.*
- *N'utilisez pas cet appareil dans un endroit humide, comme une salle de bain, puisqu'une température trop élevée ou trop basse, l'humidité, et la pression peuvent affecter son fonctionnement. Utilisez dans un environnement spécifié dans les caractéristiques de produit.*
- *Faites attention à ne permettre à aucun objet étranger (nourriture, breuvage, nettoyants liquides, etc.) de pénétrer l'équipement. Tout objet étranger qui pénètre l'équipement peut causer de sérieux dommages aux composants électroniques.*
- *Ne démontez pas l'équipement de façon aléatoire. Ceci peut causer une décharge électrique, une blessure, un dysfonctionnement du produit des résultats erronés, et l'équipement ne sera pas couvert par la garantie du fabricant.*
- *L'analyse de tout enfant ou toute personne à mobilité réduite doit se faire avec l'aide d'un gérant ou adjoint.*
- *Disposez de l'appareil et de ses piles conformément aux lois et règlements en vigueur dans votre région.*
- *Les réparations et inspections ne peuvent être effectuées que par un technicien InBody. Veuillez contacter le service à la clientèle à cette fin.*
- *Le non-respect de ces directives pourrait endommager le produit ou entraîner des résultats d'analyse inexacts.*
- *Le non-respect des précautions et des règles de sécurité pourrait causer des blessures à l'utilisateur ou provoquer des dommages matériels.*

2 Product Overview

2.1 Unpacking

Open the box and remove the packing pads. Then take the InBody device out of the box.

Packaging Pad

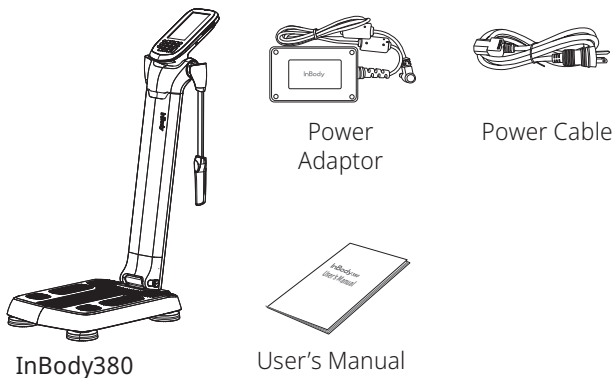


Note

- Keep the packing materials provided for repackaging in the future.
- For repackaging guide, please refer to “7.3 Repacking and Transportation”.

2.2 Product Components

Please inspect the device before installation.



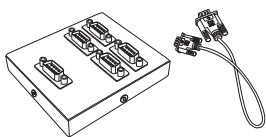
InBody380

User's Manual

Power
Adaptor

Power Cable

2.3 Optional Product



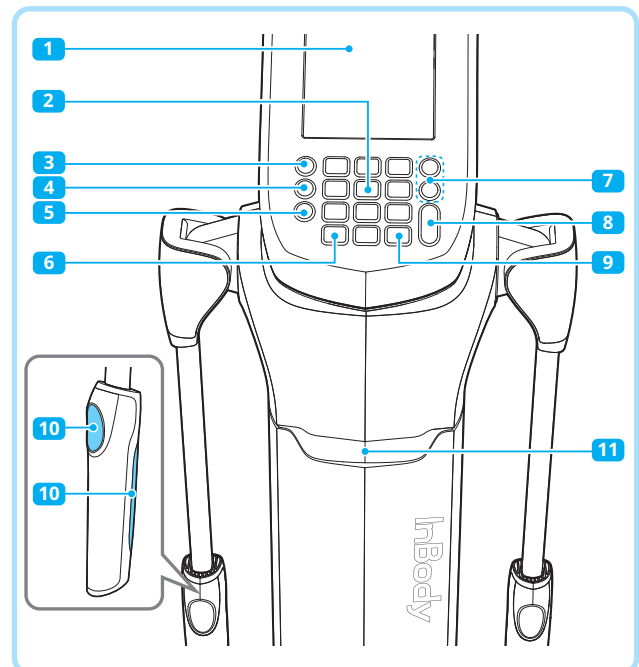
Serial Distributor (SD400)



Thermal
Printer (TP100)

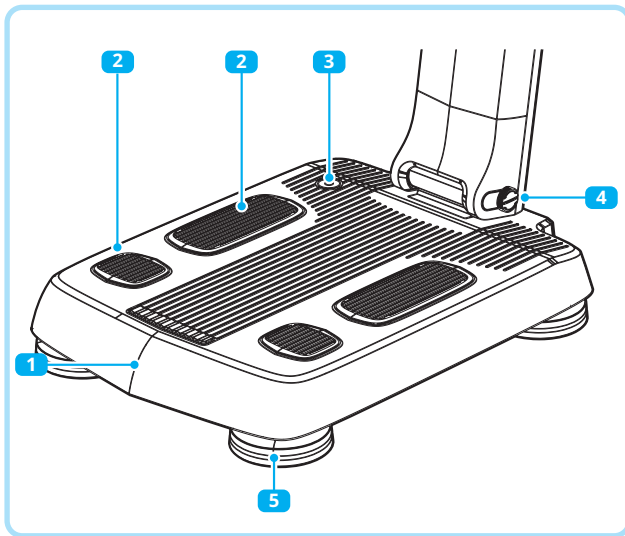
2.4 Name of Each Part

Operation Panel



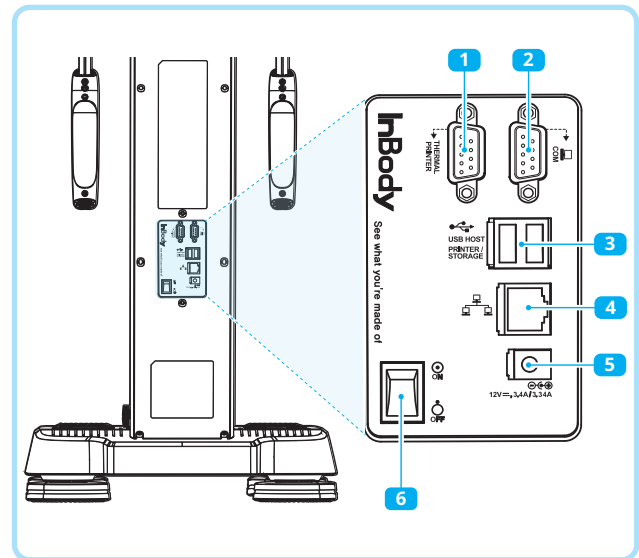
- 1 Display:** LCD screen touchscreen displays testing guides and results.
- 2 Numeric Keypad:** To enter in numeric data such as age and height.
- 3 Setup:** Takes you to the Setup section.
- 4 Function:** Takes you directly to the FAQ section.
- 5 Print:** To reprint test results.
- 6 Decimal Point:** Enter the decimal point in ID, height, age and weight.
- 7 M/F:** Select between Male or Female.
- 8 Enter:** Used when input is completed or changes are saved in the Setup.
- 9 Delete:** Used to delete the saved data.
- 10 Hand Electrode:** Sends micro currents to the upper body and measures the voltage for the InBody test.
- 11 Smart Reader:** InBody App user can transfer the personal information needed for the test with QR code.

Footplate



- 1 Footplate:** Connected to loadcells that measures user's weight.
- 2 Foot Electrode:** Sends micro currents to the lower body and measures the voltage for the InBody test.
- 3 Level Indicator:** Checks the level and balance of the device.
- 4 Lock Bolt:** Used to fold the upper part of the device. You must turn the lock bolt to lock and unlock before and after folding the equipment.
- 5 Leveling Feet:** Can be adjusted to level and stabilize on uneven surfaces.

Rear View



- 1 9-pin Serial Port (Female, RS-232C):** Connect a thermal printer.
- 2 9-pin Serial Port (Female, RS-232C):** Connect to LookinBody120 installed on the PC, a stadiometer, a blood pressure monitor and SD400.
- 3 USB HOST Port:** Connect printer, USB flash drive, and barcode reader.
- 4 LAN Port (10/100T-Base):** Connect to the Internet or LookinBody120 installed on the PC.
- 5 Power Inlet:** Connect a power adapter.
- 6 Power Switch:** Turn the device on and off.

Note

- Make sure to connect only InBody stadiometer, Blood Pressure Monitor and SD400.
- When connecting to a PC where the data management program LookinBody120 is installed, you can connect with one of the serial port, Bluetooth, LAN, or Wi-Fi port.
- Serial, USB, and LAN cables are not included in the product.

3 Installation

3.1 Installation Environment

⚠ Caution

- If you are operating the device in a place where the altitude is 2,000m or higher, the weight measurement may be affected.
- Use the device in a location where it is not exposed to direct sunlight. It may cause discoloration or damage of device.

⚠ Attention

- *Le fonctionnement de l'équipement à des altitudes de 2 000 mètres ou plus peut influencer la mesure du poids.*
- *Utilisez le InBody 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.*

Check the environment before installing the device.

- Using the device in a dry environment or on a carpet may result in static electricity and damage. Use an antistatic mat if you need to install in an environment with static device.
- Install the device on the floor that is flat and vibration-free. If the device is installed where the floor is not flat, it may topple during a test or the test results may be inaccurate.

This device is suitable for indoor use. If installing this device outdoors, the following requirements must be fulfilled.

Temperature	50 - 104 °F (10 - 40 °C)
Relative humidity	30 - 75 % RH (No Condensation)
Atmospheric pressure	70 - 106 kPa

3.2 Installation

⚠ Warning

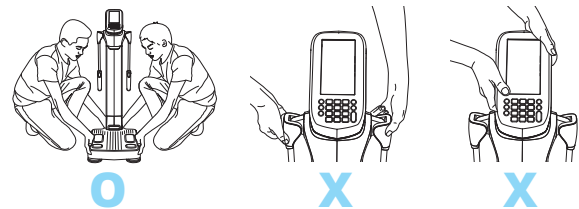
- Always use an outlet connected to the rated power (AC 100 - 240 V). Using other power rated outlets may result in fire or malfunction.
- When using a power surge protector, make sure that the outlet or the extension cable has adequate power capacity.

⚠ Avertissement

- *Toujours utiliser une prise alimentée avec la bonne tension (AC 100-240 V). Autrement, il y a risque d'incendie ou de dysfonctionnement.*
- *Lorsque vous utilisez un dispositif de protection contre les surtensions, assurez-vous que la prise ou le câble de rallonge possèdent une capacité d'alimentation adéquate.*

⚠ Caution

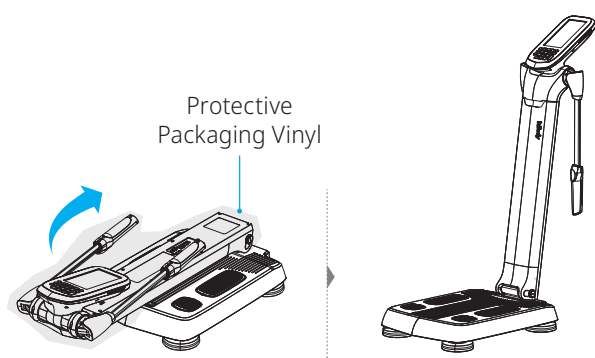
Hold the footplate when moving the device. When transporting the device, do not pull on the LCD screen and shoulders of the device. Or, the device may be damaged.



⚠ Attention

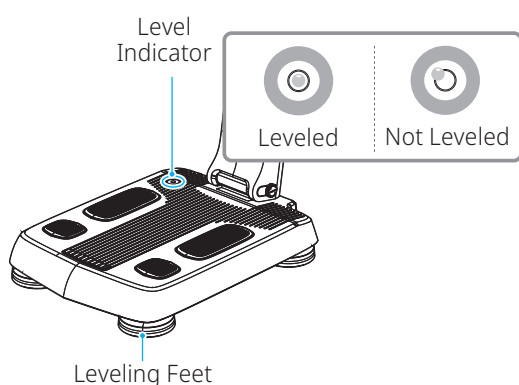
Lors d'un déplacement, tenez l'appareil par la partie inférieure (repose-pieds). Lorsque vous transportez l'appareil, ne le tenez pas ni par la partie supérieure qui comprend l'écran LCD ni par la région de contact de l'électrode manuelle. L'appareil pourrait s'endommager.

- 1 Lift up the upper section of the device, and remove the packaging vinyl.



- 2 Level the device by Leveling feet under the footplate to the left and right.

- The air bubble in the level indicator will show if the device is leveled.
- For accurate weight measurement, the device should be leveled.



Caution

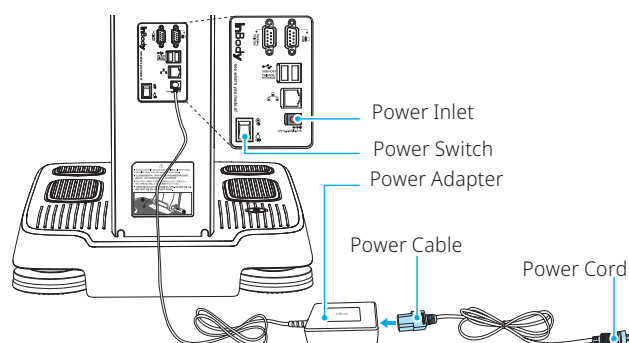
Be careful not to get your hands hurt when handling the Leveling Feet.

Attention

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

- 3 Connect the power cable to the device.

- a Connect the power cable to the power adapter.
- b Connect the power adapter to the power inlet on the rear of the device.
- c Connect the power cord to a 3-terminal outlet with a ground terminal.



Caution

- Always use the specified adapter provided by InBody as it is a part of the InBody device. Using other adapters may result in malfunction of the InBody device.
- Do not plug the device into an ungrounded outlet as it may cause electrical fires and damaging the device.
- If the InBody device is not plugged into a grounded outlet, it may cause damage through electric surges or product malfunction. This may affect the test results.

- 4 Press the power switch to turn it on.

Caution

When connecting the InBody device with other test equipment, turn on the other equipment first. When turning off other equipment, turn off the InBody device first. This is necessary to minimize electrical surges on the InBody device.

Attention

Si vous reliez le InBody à un autre appareil électrique, allumez l'autre appareil en premier. Dans le cas contraire, fermez le courant du InBody en premier et de l'autre appareil ensuite. Ceci permet de minimiser le choc électrique au niveau du InBody.

The InBody device can be connected to optional products and PC program such as stadiometer, blood pressure monitor, (thermal) printer, barcode reader, serial distributor, and LookinBody120. For more details, refer to "5 Connecting Compatible Device".

4 Setting

4.1 Initial Setup

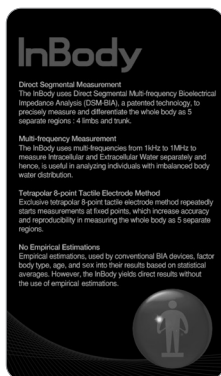
The InBody device automatically starts booting when it is turned on. While booting, it performs a self weight calibration.

Caution

While booting, please do not stand on the footplate or place objects on the footplate.

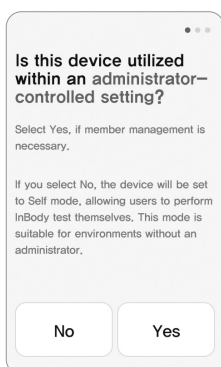
Attention

Ne vous tenez pas sur le repose-pied ni ne placez d'objet à cet endroit pendant le démarrage de l'appareil.



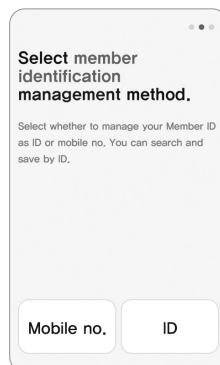
When InBody device is booted for the first time, the initial setting screen appears. Complete the initial setup by selecting the appropriate item.

1 Select whether to use the Self Mode.



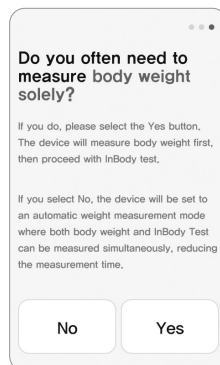
- Self Mode is suitable for an environment without an administrator, as the screen is configured for testing alone.

2 Select the user information management method.



- You can choose whether to use either membership ID or mobile number.

3 Select the weight measure mode.



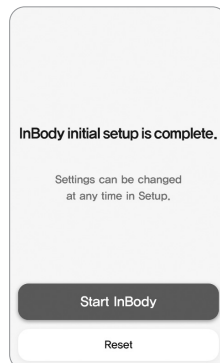
- Measure Weight First: InBody device will measure your weight first, then move on to InBody testing.
- Measure Weight Automatically: InBody device will measure your weight while running your InBody test.


Note

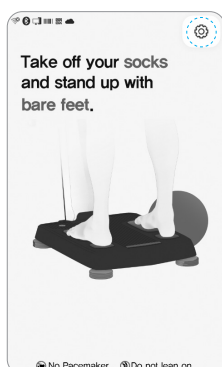
You can change the initial settings in the Setup at any time.

4.2 Setup

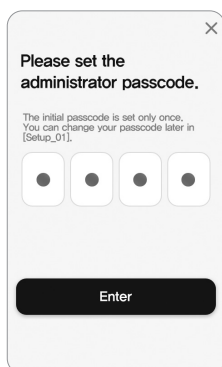
1 Press **Start InBody** after completing the initial setup.



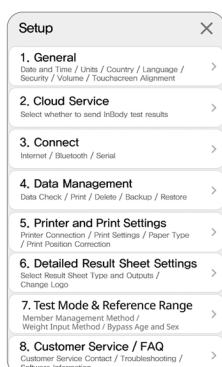
- 2 Press Setup  on the test standby screen or **Setup** button on the keypad before stepping on the footplate.



- 3 Create the administrator passcode, then press **Enter**.
- This screen will appear only once for initial passcode setup.



- 4 You can go into each menu in the Setup to change the setting.



Note

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

4.3 Overview of the Setup Menu

Adjust the settings to cater to your facility and to better manage the data.

General


- **Date and Time:** Set the date and time displayed at the test standby screen and on the result sheet.
- **Units:** Set the unit displayed on the InBody device.
- **Country:** Select the country where InBody device is installed.
- **Language:** Select the language to be applied to InBody device.
- **Passcode Lock Setting:** You can lock the device to control the accessibility.
- **Volume:** Adjust the volume of InBody device.
- **Touchscreen Alignment:** Calibrate the accuracy of the touch screen.
- **Additional Function Setup:** Set functions other than the basic functions.

Cloud Service

Cloud Service is a service that transmits InBody results to the user's mobile phone so that the users can check the result at any time with the InBody App.

You can send the InBody results by entering your mobile number before the test.

Note

The result can be sent only when the device is connected to the internet.  > **3.Connect** > **Internet**, and **2.Cloud Service** is 'On'. When the result is not sent, refer to "8.1 Regarding the Device".

Connect

- **Internet:** Once the device is connected to the Internet, the test results can be shared to InBody App, and LookinBody Web without distance limitation. To connect to the Internet, refer to "5.9 Connecting Internet".
- **Bluetooth:** Using Bluetooth, InBody device can be connected to compatible devices such as BSM stadiometers, or BPBIO blood pressure monitors. For details to connect Bluetooth, please refer to "5.8 Connecting Bluetooth".
- **Serial:** Connect your computer through the serial port to use LookinBody series or other compatible devices. For details on how to connect compatible devices, refer to "5 Connecting Compatible Device".

Data Management

- **View/Print/Delete Data:** This option allows checking, printing or deleting the test result stored in the InBody device as a membership number or mobile number.
- **Export Data as a MS Excel File:** This option allows exporting saved test results from InBody device to an USB flash drive. You can transfer the exported data to your computer. A file that calls the test results saved in InBody device into the member management program LookinBody120 is created together in USB flash drive.
- **Data Backup/Restoration/Combine:** This option allows saving the test results to USB flash drive for backup or restores the backed up test results to the InBody. If you are using multiple devices, the data can be combined.

Printer and Print Settings

- **Printer Setup:** Connect your printer to InBody device to print out your results.
- **Automatic Printing Options:** You can choose to have your Result Sheets print out automatically after completing InBody test. You can also set to print out duplicated copies automatically.
- **Printing Alignment:** This helps to adjust and align your Result Sheets properly.

Detailed Result Sheet Settings

- **InBody Result Sheet:** You can set whether to use the InBody Result Sheet and the Result Sheet Items (Body Composition History, Right Side Outputs, Segmental Lean Analysis).
- **Thermal Result Sheet:** You can set whether to use the Thermal Result Sheet and select Outputs.
- **Custom Logo:** You can preview the logo printed on the upper right of the Result Sheet.

Note

Please contact Customer Service for help with uploading or modifying a logo.

Test Mode & Reference Range

- **Self Mode:** Select whether to use Self Mode. Self Mode is suitable for an environment without an administrator as the screen is configured for testing alone. When using Self Mode, InBody test can be started without entering ID.
- **Member Management Method:** You can choose whether to use the ID or mobile number.
- **Weight Input Method:** You can select between Automatic Measurement Mode, Weight Measurement Mode, and Manual Input Mode.
- **Adjust Weight:** Adjust measured weight by a fixed value on the InBody device. (Example: Workout clothes at the gym are approximately 0.4lb; most people are assumed to be wearing workout clothes, so the instructor may adjust the set value to -0.4lb.)
- **Bypass Age/Sex:** The subject can bypass inputting their age or sex if the test environment is designed for testing a specific age group or sex.
*‘M/F’ refers to biological sex of the user, male or female.
- **Reference Range:** This option allows setting the Reference Range of BMI, Percent Body Fat, and Waist-Hip Ratio. The ideal value of BMI may also be set.

5 Connecting Compatible Device

To connect a compatible device to InBody device, check the communication method of the compatible device.

There are two ways of communication; wired connection such as USB or RS232C (9-pin serial port, Female), and wireless connection (Bluetooth).

5.1 Printer

In order to print InBody Result Sheet, an InBody device compatible printer is required.

- 1 Turn off the InBody device.
 - You may experience connection issues in connecting the printer to the InBody device if the InBody device is turned on.
- 2 Plug the USB cable provided with the printer into the USB HOST port on the rear panel of the InBody device and plug the other end of the USB cable into the printer.
- 3 Turn on the printer.
- 4 Turn on the InBody device.
- 5 Connect the printer according to the instructions on Setup ⚙️ > **5.Printer and Print Settings** > **Printer Setup**.

Note

You can set the printing options in the Setup ⚙️ > **5.Printer and Print Settings** and **6.Detailed Result Sheet Settings**.

5.2 Thermal Printer

Connect thermal printer to the InBody device to print Thermal Result Sheet.

- 1 Turn off the InBody device.
 - When InBody device is already turned on, the thermal printer might not properly connect.
- 2 Connect the serial cable connected with the thermal printer to the left serial port on the rear of the InBody device.
- 3 Turn on the thermal printer.
- 4 Turn on the InBody device.
- 5 Select **Thermal Result Sheet** in Setup ⚙️ > **6.Detailed Result Sheet Settings** > **InBody Result Sheet**.

Note

You can set the outputs to display on the Thermal Result Sheet in Setup ⚙️ > **6.Detailed Result Sheet Settings** > **Thermal Result Sheet**.

5.3 Stadiometer

The height values measured by the stadiometer will be sent directly to the InBody device.

- 1 Turn off the InBody device.
 - You may experience connection issues in connecting the stadiometer to the InBody device if the InBody device is turned on.
- 2 Plug the serial cable provided with the stadiometer to the 9-pin stadiometer serial port on the rear panel of the InBody device.
- 3 Turn on the stadiometer.
- 4 Turn on the InBody device.
- 5 Select **Stadiometer** in Setup ⚙️ > **3.Connect** > **Serial**.

When the stadiometer is connected, a message will be displayed on the InBody device screen.

Note

- Please make sure to connect only BSM Stadiometer series from InBody.
- You can also connect the stadiometer via Bluetooth. For details on device connection, refer to "5.8 Connecting Bluetooth".

5.4 Blood Pressure Monitor

The blood pressure values measured by the blood pressure monitor will be sent directly to the InBody device.

- 1 Turn off the InBody device.
 - You may experience connection issues in connecting the blood pressure monitor if the InBody device is turned on.
- 2 Plug the serial cable provided with the blood pressure monitor to the 9-pin blood pressure monitor serial port on the rear panel of the InBody device.
- 3 Turn on the blood pressure monitor.
- 4 Turn on the InBody device.
- 5 Select **Blood pressure monitor** in Setup ⚙️ > **3.Connect** > **Serial**.

When the blood pressure monitor is connected, a message will be displayed on the InBody screen.

Note

- Please make sure to connect only the BPBIO Blood Pressure Monitor series from InBody.
- If you select blood pressure in the sub options in the Setup ⚙️ > **6.Detailed Result Sheet Settings** > **InBody Result Sheet** you can print the blood pressure value on the InBody Result Sheet.
- You can also connect the blood pressure monitor via Bluetooth. For details on device connection, refer to "5.8 Connecting Bluetooth".

Note

- If LookinBody120 is not recognized, please contact InBody Customer Service.
- You can connect the LookinBody120 via Bluetooth by connecting the Bluetooth dongle included in LookinBody120 to your PC. For details on device connection, refer to "5.8 Connecting Bluetooth".
- You can also connect the LookinBody120 via Internet. For details on device connection, refer to "5.9 Connecting Internet".

5.5 Barcode Reader

The ID will be inputted automatically if a barcode reader is connected to the InBody device.

- 1 Turn off the InBody device.
 - When InBody device is already turned on, the barcode reader might not properly connect.
- 2 Connect the USB cable of the barcode reader to the USB HOST port on the rear of the InBody device.
- 3 Turn on the InBody device.

When the barcode reader is connected, a message will be displayed on the test standby screen.

Note

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

5.6 Data Management Software (LookinBody120)

By connecting LookinBody to InBody device, you can manage your InBody data.

- 1 Turn off the InBody device.
 - When InBody device is already turned on, LookinBody120 might not properly connect.
- 2 Connect the serial cable provided with LookinBody120 to the right serial port on the rear of the InBody device. Connect the other end of the cable to the serial port of the PC.
- 3 Turn on the InBody device.
- 4 Launch LookinBody120 installed on your PC and follow its instructions to connect to InBody device.

5.7 Serial Distributor (SD400)

With SD400, you can connect both the stadiometer and blood pressure monitors at the same time.



- 1 Turn off the InBody device.
 - When InBody device is already turned on, the SD400 might not properly connect.
- 2 Connect the serial cable supplied with the SD400 to the right serial port on the rear of the InBody device. Connect the other end of the cable to the serial port of the SD400.
- 3 After connecting the stadiometer or blood pressure monitor to each serial port of the SD400, turn on the power of each device.
- 4 Turn on the InBody device.
- 5 Select **SD400** in Setup ⚙️ > **3.Connect** > **Serial** and press **Next**.
- 6 Press **Edit** to configure the device(s) connected to each port of the SD400.
- 7 When each device is connected, the standby screen will display a message that the product is connected.

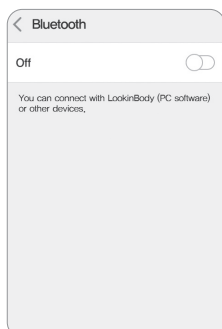
5.8 Connecting Bluetooth


Requirements

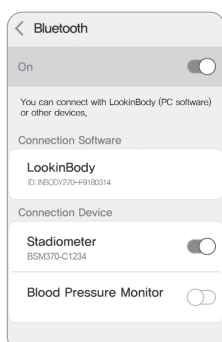
- Only compatible InBody brand devices can be connected with InBody device via Bluetooth.
- Bluetooth may not operate normally if the compatible device is more than 32ft away from the InBody device.
- There should be no obstacles such as walls between the InBody device and the compatible device.

Connecting Stadiometer/Blood Pressure Monitor

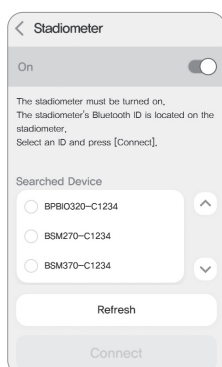
- 1 Press Setup  or **Setup** button on the keypad of the operation panel.
- 2 Enter the passcode.
- 3 Select **3.Connect > Bluetooth** and turn on the Bluetooth by pressing ON/OFF  button.



- 4 Press ON/OFF  button of the compatible device that you want to connect to.




- 5 Turn on the device (stadiometer or blood pressure monitor) that you want to connect with InBody device.
- 6 The compatible device's Bluetooth ID consists of "Product Name-Serial Number". Check the product name and serial number on the name plate attached to the compatible device.
- 7 Select the Bluetooth ID of the device to be paired and press **Connect**.

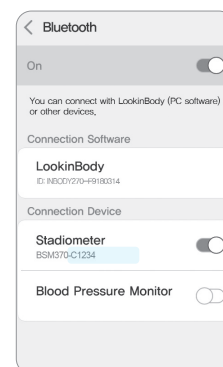


Note



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

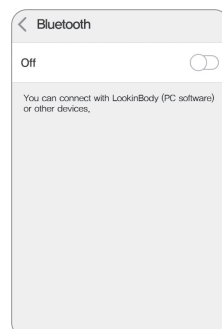
If the compatible device is paired properly, the Bluetooth ID will appear under "Connected Device"

Press the Exit < on the upper-left to return to the main screen. The Bluetooth  icon will be displayed on the upper-left and a message will let you know the device is connected.

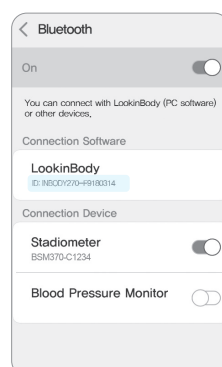


Connecting LookinBody120


- 1 Press Setup  on the main screen or **Setup** button on the keypad.
- 2 Enter the passcode.
- 3 Select **3.Connect > Bluetooth** and turn on the Bluetooth by pressing ON/OFF  button.



- 4 Launch LookinBody120 installed on your PC and follow its instructions to connect to InBody.



Note

- Refer to the User's manual of LookinBody120 for more details on how to setup Bluetooth on LookinBody120.
- You can check the Bluetooth ID of InBody in Setup  > **3.Connect > Bluetooth**.



5.9 Connecting Internet

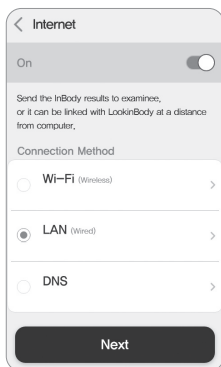
Once InBody device is connected to the Internet, you can connect your device with LookinBody Web.

Note

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

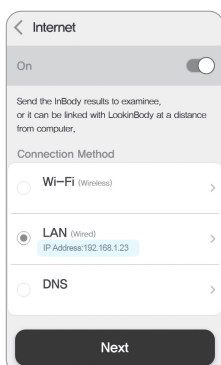
Connecting LAN

- 1 Press Setup  on the main screen or **Setup** button on the keypad.
- 2 Enter the passcode.
- 3 Select **3.Connect > Internet** and turn on the Internet by pressing ON/OFF  button.
- 4 Connect the LAN(RJ45) cable to the LAN port of the InBody device.
 - A LAN cable must be connected to the terminal(router) registered with Internet service or to the LAN(RJ45) port on the wall of the building.
- 5 Press **LAN (Wired)** and press **Next**.





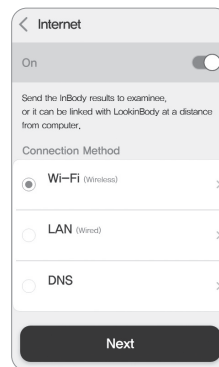
- 6 Select **Automatic** or **Input IP Manually**.
 - **Automatic:** IP address will be automatically set.
 - **Input IP Manually:** You can manually enter the IP address.

Once the device is connected to the internet, the IP address will appear under "Connection Method".

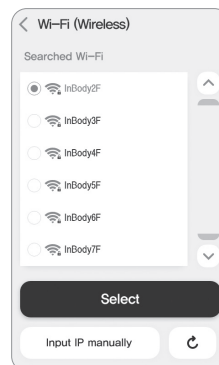


Connecting Wi-Fi

- 1 Press Setup  on the main screen or **Setup** button on the keypad.
- 2 Enter the passcode.
- 3 Select **3.Connect > Internet** and turn on the Internet by pressing ON/OFF  button.
- 4 Press **Wi-Fi** and press **Next**.

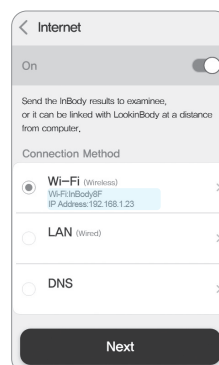


- 5 Select the Wi-Fi to be connected and press **Select**.
 - If you need to manually set up the Wi-Fi network, press **Input manually**.
 - Wi-Fi ID and password can be recognized only when they are a combination of alphabets and numbers.



- 6 Enter the Wi-Fi password if needed and press **Enter**.

Once the device is connected to the Wi-Fi, the network name (SSID) and IP address will appear under "Connection Method".



6 InBody Test

6.1 Precautions for Test

Warning

- Individuals with medical implant devices such as pacemakers, or essential support devices such as patient monitoring systems, must not use this device. Safe, low-level micro currents will flow through the body during the test, but this may cause malfunctioning of the device or endanger lives. InBody Co., Ltd. shall not be liable for any damages to an individual or a device that occurred by not complying with the content above.
- The Bioelectrical Impedance Analysis (BIA) method does not harm the human body because it uses micro currents. However, if you are pregnant, please consult your doctor or specialist.

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.*


For an accurate measurement, factors affecting the measurement must be controlled. Please follow the precautions below before the test.

- **Test with empty stomach.**
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.
- **Test in the morning if possible.**
Body water tends to gravitate towards the lower body throughout the day, affecting accuracy of the test results.
- **Test after using the bathroom.**
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.
- **Test before exercising.**
Strenuous exercise or sharp movements can cause temporary changes in body composition. Even light exercise can change your body composition temporarily.
- **Avoid using the sauna or bath before measuring.**
The body water is temporarily unstable as blood flow rate increases and as you sweat.
- **Measure at room temperature (68°F -77°F).**
The human body remains stable at room temperature, but

the body composition may change temporarily in cold or hot conditions.

- **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 as body water tends to move to the lower body.
- During menstruation, there may be temporary fluctuations in fluid levels that can affect the results.

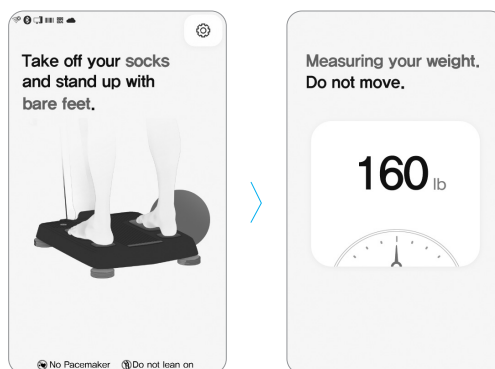
6.2 Test Instructions

The screen displayed during the test varies depending on whether you enable or disable **Self Mode** in Setup  > **7. Test Mode & Reference Range** or not.

- **Self Mode OFF:** The screen is configured for testing with the help of experts.
- **Self Mode ON:** The screen is configured for testing alone.

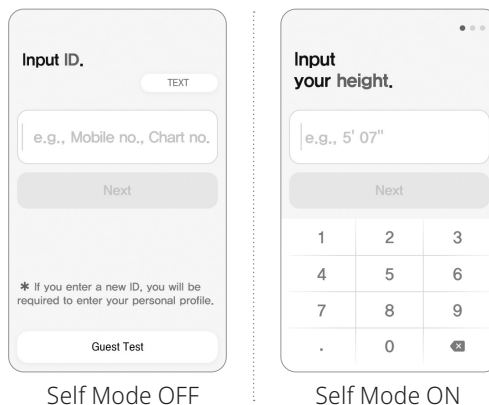
1 Stand onto the footplate with bare feet on the main screen.

- Weight measurement will begin.
- Please make sure that the subject stands alone on the device. It may affect the weight measurement when other people lean or touch the device.



2 Input the InBody User ID or height and press **Next**.

- **Self Mode OFF:** Input ID.
- **Self Mode ON:** Input height, age, sex.

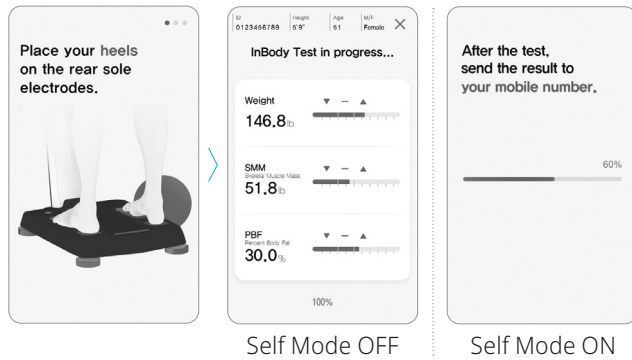


Self Mode OFF

Self Mode ON

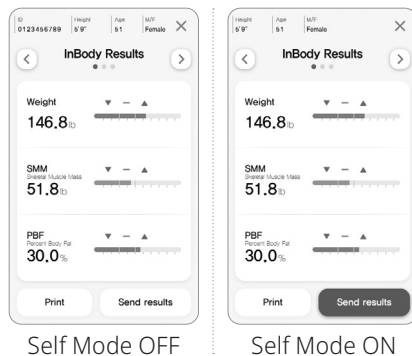
3 Maintain proper posture to take the test.

- For proper test posture, refer to “6.3 Test Posture”.
- The InBody test automatically starts when your body and the electrode are in precise contact.



4 The result screen is displayed after completing the test.

- The Result Sheet is printed out according to your setting when the printer is connected.
- Please refer to “4.3 Overview of the Setup Menu” and “5.1 Printer” for details of printer and Result Sheet setting.



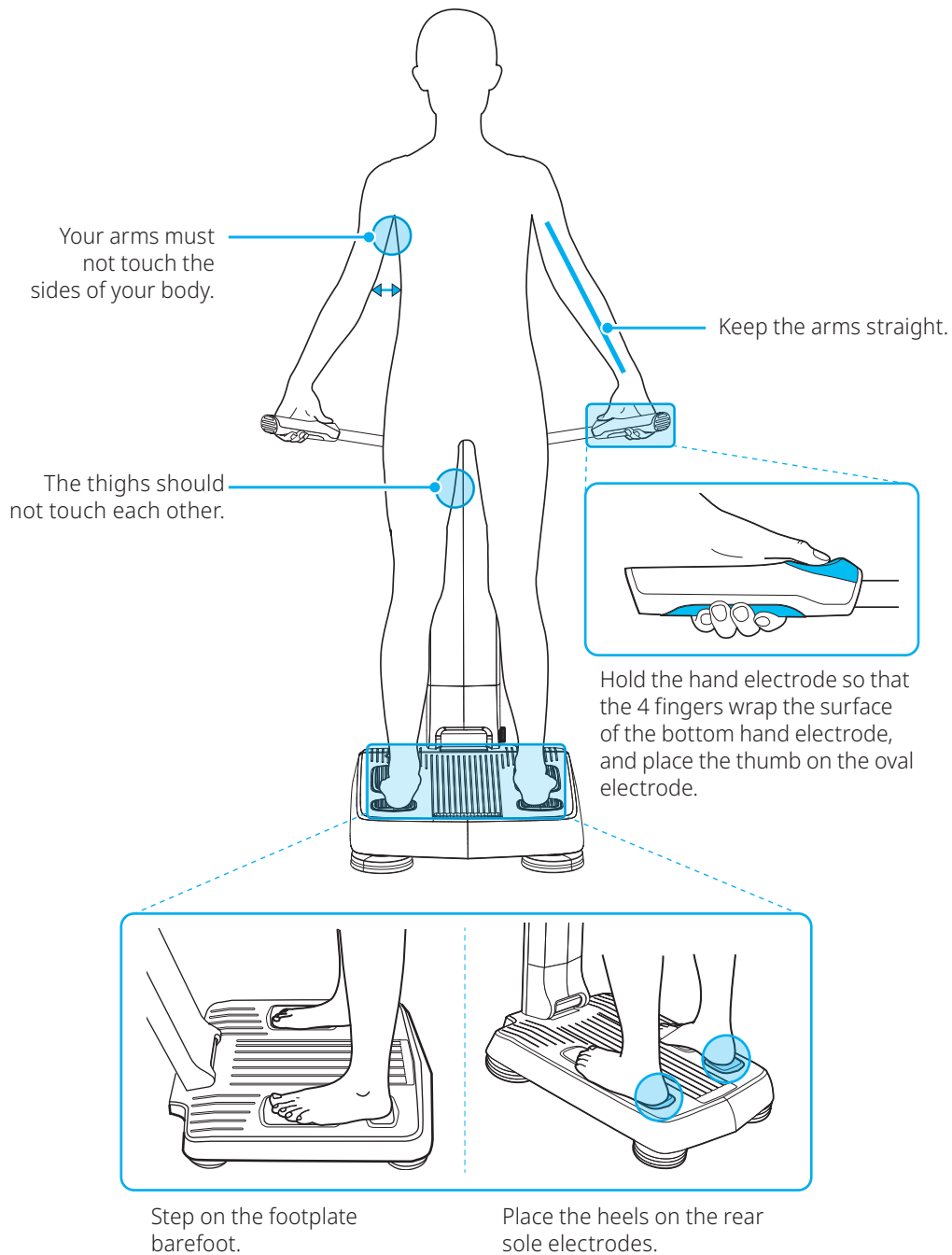
Note

Press the X on the upper-right to end the test.

6.3 Test Posture

The examinee must maintain proper posture to have accurate test results.

- The InBody test will automatically start when your hands and feet and the electrode are in precise contact.



7 Maintenance and Storage

7.1 Precautions for Maintenance

Caution

- Do not bend the handle or turn it in the opposite direction.
- Do not place anything on the footplate when the device is not in use.
- Be careful not to get foreign materials on the bottom of the device. It may cause weight measurement errors.
- Be careful not to get injured by getting your feet caught in the bottom of the device.
- Turn off the device if you are not using it for a day or longer.
- If you are not using for a long time, unplug the power cord.
- Do not allow any liquid substances to contact the device directly. Keep food and drinks away from the device. Substances getting inside the device can cause critical damage to the electronic components.

Attention

- *Ne pas plier les poignées ni les tourner en direction opposée.*
- *Ne placez aucun objet sur le repose-pied lorsque l'appareil n'est pas utilisé.*
- *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.*
- *Veillez à débrancher l'appareil si vous prévoyez ne pas l'utiliser pour une période prolongée.*
- *Faites attention à ne permettre à aucun objet étranger (nourriture, breuvage, nettoyants liquides, etc.) de pénétrer l'équipement. Tout objet étranger qui pénètre l'équipement peut causer de sérieux dommages aux composants électroniques.*

7.2 Cleaning

Clean the exterior of the device gently with a lint-free cloth once a week.

Caution

- Be careful not to allow cleaner to flow into the device. It can cause critical damage to the electronic components.
- Do not clean the foot electrode and the hand electrode with detergent. If liquid cleaner flows into the device, it may cause corrosion and malfunction. For cleaning the device, use an InBody Tissue (wet tissue).

Attention

- *Veillez à ne pas laisser de liquide s'infiltrer dans l'appareil. Cela pourrait causer des dommages aux pièces de rechange.*
- *Ne pas nettoyer l'électrode plantaire et l'électrode digitale avec du détergent. Un détergent liquide qui s'écoulerait dans le InBody pourrait causer de la corrosion et provoquer une défaillance de l'appareil. Utiliser un chiffon désinfectant humide InBody pour nettoyer l'appareil.*

7.3 Repacking and Transportation

Once the InBody device is installed, avoid transporting the equipment. If it must be transported, follow the repackaging guide below.

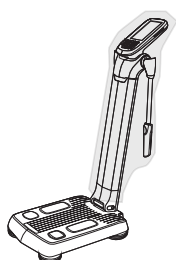
Caution

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

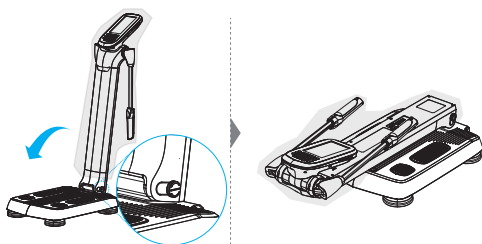
Attention

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

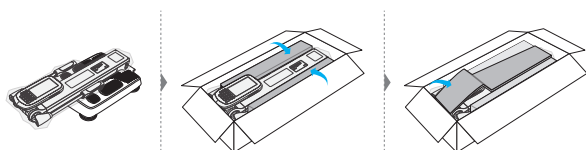
- 1 Turn off the device.
- 2 Remove all connected adapters and cables. Wrap the upper section of the device with protective packaging vinyl.



- 3 Pull the upper body forward and fold it while keeping the lock bolt of the connecting parts loose.

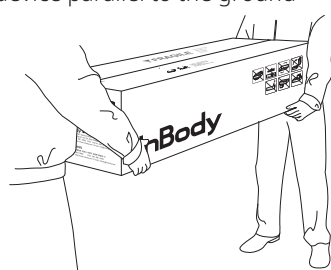


- 4 Place the device into the box. Put the packaging pad as shown in the figure and seal it.



Caution

To transport the device safely, two people keep the InBody device parallel to the ground



Attention

Afin d'éviter des dommages à l'appareil lors d'un déplacement, deux personnes devraient le maintenir en position horizontale en tout temps.

7.4 Storage Environment

The device should be stored under the following conditions.

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

8 Frequently Asked Questions (FAQ)

If a problem arises with the device, you may first attempt to check the Setup ⚙️ > **8.FAQ / Customer Service Information** > **FAQ**. If your problem cannot be resolved through the 'FAQ', please refer to the possible solutions below. If the problem is still not resolved, please contact InBody Customer Service.

8.1 Regarding the Device

Question: InBody Result is not sent to the App.

Answer:

- Check whether the Internet connection 📶 icon (Wi-Fi or LAN) and the cloud ☁️ icon on the upper-left of the main screen are displayed.
- When the Internet connection 📶 icon is not displayed: try reconnecting it to the Internet in the Setup ⚙️ > **3.Connect > Internet**. For details on how to connect to the Internet, refer to "5.9 Connecting Internet".
- If the cloud ☁️ icon is marked with an X ☒: Check the settings in Setup ⚙️ > **2.Cloud Service**.

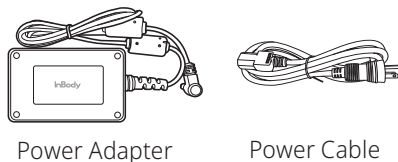
Question: Power does not turn on.

Answer:

- Check if the power cord is correctly plugged into the socket. Make sure to plug the power cord completely into the socket.
- When using a power surge protector, check if the power switch is turned on.
- Check if the power cord is completely plugged into the adapter. Make sure to insert the power cord completely into the adapter

Answer:

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



Question: The touch screen does not work well.

Answer:

- Calibrate the touchscreen under Setup ⚙️ > **1.General > 07. Touchscreen Alignment**.
- Press firmly to optimize touchscreen response.

8.2 Regarding the InBody Test

Question: Do I have to remove my socks or stockings?

Answer: 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

Question: Is it OK to test, wearing accessories or metallic materials?

Answer: If accessories or metallic objects do not touch the electrodes, they will not have a significant effect on the test result. However, it is not recommended to wear it for accurate test results.

Question: Is there any case where I must not take the InBody Test?

Answer: A person who is equipped with a medical device that is essential for life support, such as pacemakers or patient monitoring devices, must not take the InBody Test. The currents will flow through the body during the test, which may cause malfunctioning of the device or endanger lives.

Question: Can a person with metal implants in the body take the InBody Test

Answer: A person who has a metallic material inserted in the body may have different conductivity that may affect the results of the test.

Question: I have limited mobility and cannot maintain proper posture for the InBody Test. How can I still be tested?

Answer:

- 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.

Question: Is the current flowing in the test harmless to the human body?

Answer: 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.

Question: How often should I take the InBody Test?

Answer:

- 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.

Question: What are the precautionary steps to ensure accuracy of the InBody Test?

Answer: Refer to “6.1 Precautions for Test”.

9 Classifications and Specifications

- This device was produced according to InBody's quality control procedures. InBody complies with ISO9001 and ISO13485, international quality management systems.
- This device satisfies IEC60601-1(EN60601-1), an international safety standard for electronic medical equipment, and IEC60601-1-2(EN60601-1-2), an international standard for electromagnetic compatibility.

9.1 Classifications

Classifications	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 Emission	CLASS B
	Degree of protection against water infiltration	IPX0
	Mode of operation	Continuous Operation
	This equipment is not suitable for use in the presence of flammable anesthetics or oxygen.	

9.2 Specifications

Specifications

Bioelectrical Impedance Analysis (BIA) Measurement Item	<ul style="list-style-type: none">• 15 Impedance Measurements by Using 3 Different Frequencies (5 kHz, 50 kHz, 500 kHz) at Each of 5 Segments (Right Arm, Left Arm, Trunk, Right Leg and Left Leg)• 1 Phase Angle Measurements by Using 1 Frequency (50 kHz) at Whole Body
Electrode Method	Tetrapolar 8-Point Tactile Electrodes
Measurement Method	<ul style="list-style-type: none">• Direct Segmental Multi-Frequency Bioelectrical Impedance Analysis (DSM-BIA)• Simultaneous Multi-Frequency Bioelectrical Impedance Analysis (SMF-BIA)
Body Composition Calculation Method	No Empirical Estimation (Age and Sex does not affect the result)
Display Type	480 × 800 7 inch Color TFT LCD
Internal Interface	Touchscreen, Keypad
External Interface	Serial(RS-232C): 2 EA, USB (HOST): 2 EA, LAN (10/100T): 1EA
Wireless Connection	Bluetooth, Wi-Fi
Compatible Printer	Laser/Inkjet PCL3 or above SPL
Test Duration	About 30 seconds
Testing Weight Range	11.0 - 661.4 lb (5 - 300 kg)
Testing Age Range	3 years and older
Height Range	3 ft 1.40 in - 7 ft 2.61 in (95 - 220 cm)
Compatible Device	BSM Series (BSM170B, BSM270B), BPBIO Series (BPBIO320, BPBIO750), InBodyBAND Series and Serial Distributor (SD400)
Logo Display	Name, Address and Content Information can be shown on the Result Sheet
Digital Results	LCD Screen, LookinBody Web, LookinBody120
Types of Result Sheets	InBody Result Sheet, Thermal Result Sheet

Voice Guidance	Notification sounds (test in progress, saving settings, personal information, etc.) and voice guidance during the test		
Data Storage	Saves up to 100,000 measurements (When ID is entered)		
Test Mode	Self Mode Enabled/ Disabled		
Dimensions	16.3 (W) × 34.3 (L) × 42.1 (H) in 415.5 (W) × 871.5 (L) × 1069.9 (H) mm		
Equipment Weight	35.3 lb (16 kg)		
Applied Rating Current	200 μ A (\pm 20 μ A)		
Adapter	Bridgepower (BPM040S12F07)	Power Input	AC 100 - 240 V, 50/60 Hz, 1.2 - 0.6 A
		Power Output	DC 12 V 3.4 A
	Mean Well (GSM 40A12)	Power Input	AC 100 - 240 V, 50/60 Hz, 1.0 - 0.5 A
		Power Output	DC 12 V 3.34 A
Operation Environment	50 - 104 °F (10 - 40 °C), 30 - 75 % RH(No Condensation), 70 - 106 kPa		
Storage Environment	14 - 158 °F (−10 - 70 °C), 10 - 80 % RH(No Condensation), 50 - 106 kPa		

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.

Outputs

InBody Result Sheet

- Body Composition Analysis (Weight, Total Body Water, Fat Free Mass, ICW,ECW, Dry Lean Mass, Body Fat Mass)
- Muscle Fat Analysis (Weight, SMM, Body Fat Mass)
- Obesity Analysis (BMI, PBF)
- Segmental Lean Analysis (Bar Graph, Human Figure Graph)
- Segmental Fat Analysis
- ECW/TBW - Phase Angle
- Body Composition History (Weight, SMM, PBF, ECW/TBW, Fat Free Mass, InBody Score, Basal Metabolic Rate, Visceral Fat Level, Body Fat Mass, BMI, FFMI, FMI, SMI, SMM/WT, Phase angle)
- InBody Score
- Whole Body Phase Angle (History)
- SMI (History)
- Body Fat- Fat Free Mass Control
- Segmental Fat Analysis (Graph)
- Segmental Fat Analysis
- Visceral Fat Level (Graph)
- BMR (Graph)
- Research Parameter (Fat Free Mass, BMR, Visceral Fat Level, Arm Circumference, FFMI, FMI, SMI, SMM/WT, Recommended Calorie Intake per Day, Recommended Calorie Intake per Day (manual input)
- Calorie Expenditure by Activity
- Blood Pressure (Systolic/ Diastolic/ Pulse)
- Blood Pressure (Mean Artery Pressure/ Pulse/ Rate Pressure Product)
- QR code
- QR code (results interpretation)
- Whole body Phase Angle
- Impedance (Graph)

Classifications and Specifications

Thermal Result Sheet

- Muscle-Fat Analysis
- Obesity Analysis
- Segmental Lean Analysis
- Segmental Fat Analysis
- ECW/TBW
- Total Body Water
- Basal Metabolic Rate
- Arm Circumference
- FFMi
- FMI
- SMI
- SMM/WT
- Body Fat-Fat Free Mass Control
- Body Composition History
- Whole Body Phase Angle

- Blood pressure information can only be printed when the blood pressure monitor is connected.
- QR Code is registered trademark of DENSO WAVE INCORPORATED.

9.3 Symbols used on the Product

Safety Symbols



Operating Instructions



Warning / Caution

Certificate Symbols



BF type equipment



Complies with AAMI ES60601-1
CSA-C22.2 No. 60601-1



Unique Device Identification

Etc. Symbols



9-pin Serial Port (Female, RS-232C)



LAN Port (10/100T Base)



USB HOST Port



Power Adapter



Power On



Power Off



Direct Current



Do not disassemble the product
arbitrarily.



Authorized representative in the
European Community



Manufacturer



Serial Number

9.4 Guidance and Manufacturer's Declaration

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

Electromagnetic emissions

Emissions test	Compliance	Electromagnetic environment
RF emissions CISPR 11	Group 1	The InBody device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

Electromagnetic immunity

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge IEC 61000-4-2	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 % is recommended.
Electrical fast transient/ burst IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/output lines	± 2 kV for power supply lines ± 1 kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 0.5 kV, ± 1 kV differential mode ± 0.5 kV, ± 1 kV, ± 2 kV common mode	± 0.5 kV, ± 1 kV differential mode ± 0.5 kV, ± 1 kV, ± 2 kV common mode	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0 % U_T (100 % dip in U_T) for 0.5/1 cycles 70 % U_T (30 % dip in U_T) for 25/30 cycles 0 % U_T (100 % dip in U_T) for 250/300 cycles	0 % U_T (100 % dip in U_T) for 0.5/1 cycles 70 % U_T (30 % dip in U_T) for 25/30 cycles 0 % U_T (100 % dip in U_T) for 250/300 cycles	Mains power quality should be that of a typical commercial or hospital environment. If the user of this product requires continued operation during power mains interruptions, it is recommended that this product be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a commercial or hospital environment.

Recommended separation distances between portable and mobile communication equipment and InBody device


The InBody device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the InBody device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the InBody device as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter [W]	Separation distance according to frequency of transmitter [m]	
	IEC 60601-1-2: 2014	
	150 kHz to 80 MHz $d = 1.2\sqrt{P}$	80 MHz to 2.7 GHz $d = 2.0\sqrt{P}$
0.01	0.12	0.20
0.1	0.38	0.63
1	1.2	2.0
10	3.8	6.3
100	12	20

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1	At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
NOTE 2	These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

Electromagnetic immunity

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Conducted RF IEC 61000-4-6	3 V 150 kHz to 80 MHz	3 V	Portable and mobile RF communications equipment should not be used closer to any part of the Ultrasound System, including cables, than the recommended separation distance. This is calculated using the equation applicable to the frequency of the transmitter.
	6 Vrms 150 kHz – 80 MHz In ISM bands ¹ amateur radio bands Bands ²	6 V	Recommended separation distance $d=1.2\sqrt{P}$
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz	10 V/m	IEC 60601-1-2:2014 $d=2.0$ 80 MHz to 2.7 GHz Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, ³ should be less than the compliance level in each frequency range. ⁴ Interference may occur in the vicinity of equipment marked with following symbol: 

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations, Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

1. The ISM (Industrial, Scientific and Medical) bands between 150 kHz and 80 MHz are 6.765 MHz to 6.795MHz; 13.553 MHz to 13.567 MHz; 26.957 MHz to 27.283 MHz; and 40.66 MHz to 40.70 MHz.
2. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.
3. Field strength from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the InBody device is used exceeds the applicable RF compliance level above, the InBody device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the InBody device.
4. When the frequency range exceeds 150 kHz - 80 MHz, the electric field strength should be not higher than 3 V/m.

Electromagnetic emissions

The InBody device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. Portable RF communications equipment should be used no closer than 30 cm (12 inches) to any part of the InBody device. Otherwise, the performance of this equipment could be impaired.

Immunity test	Band	Service ⁵	Modulation ⁶	IEC60601 test level	Compliance level
Proximity fields from RF wireless Communications IEC61000-4-3	380 - 390 MHz	TETRA 400	Pulse modulation 18Hz	27 V/m	27 V/m
	430 - 470 MHz	GMRS 460 FRS 460	FM ⁷ ± 5 kHz deviation 1 kHz sine	28 V/m	28 V/m
	704 - 787 MHz	LTE Band13, 17	Pulse modulation 217 Hz	9 V/m	9 V/m
	800 - 960 MHz	GSM800:900 TETRA 800 iDEN 820 CDMA 850 LTE Band 5	Pulse modulation 18 Hz	28 V/m	28 V/m
	1700 - 1990 MHz	GSM 1800 CDMA 1900 GSM 1900 DECT LTE Band 1,2,4,25 UMTS	Pulse modulation 217 Hz	28 V/m	28 V/m
	2400 - 2570 MHz	Bluetooth WLAN 802.11b/g/n RFID 2450 LTE Band	Pulse modulation 217 Hz	28 V/m	2 8V/m
	5100 - 5800 MHz	WLAN 802.11a/n	Pulse modulation 217 Hz	9 V/m	9 V/m
NOTE	If it is necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1m. The 1m test distance is permitted by IEC 61000-4-3.				

5. For some services, only the uplink frequencies are included.

6. The carrier shall be modulated using a 50 % duty cycle square wave signal.

7. As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be the worst case.



Disposal of old Electrical & Electronic Equipment (Application in the European Union and other European countries with separate collection system.)

This symbol indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling this product, please refer to local governing ordinances and recycling plans.



Follow instructions for use

Suivez les instructions d'utilisation

WARNING

- Electric shock hazard – do not dismantle.
- Dismantling will void the warranty.
- Do not touch signal input, signal output or other connectors, and the patient simultaneously.
- External equipment intended for connection to signal input, signal output or other connectors, shall comply with relevant IEC Standard (e.g., IEC60950 for IT equipment and IEC60601-1 series for medical electrical equipment). In addition, all such combination-systems shall comply with the standard IEC60601-1 and/or IEC60601-1-1 harmonized national standard or the combination. If, in doubt, contact qualified technician or your local representative.
- Do not position so that it is difficult to operate the disconnection device.

AVERTISSEMENT

- *Risque de choc électrique - ne pas démonter.*
- *Le démontage annulera la garantie.*
- *Ne touchez pas l'entrée de signal, la sortie de signal ou d'autres connecteurs et le patient simultanément.*
- *L'équipement externe destiné à être connecté à l'entrée de signal, à la sortie de signal ou à d'autres connecteurs doit être conforme à la norme IEC pertinente (par exemple, IEC60950 pour les équipements informatiques et la série IEC60601-1 pour les équipements électriques médicaux). De plus, tous ces systèmes combinés doivent être conformes à la norme nationale harmonisée IEC60601-1 et/ou IEC60601-1-1 ou à la combinaison. En cas de doute, contactez un technicien qualifié ou votre représentant local.*
- *Ne pas positionner de telle sorte qu'il soit difficile d'actionner le dispositif de déconnexion.*



DANGER

- Do not use this equipment with electrical medical device such as a pacemaker.
- *Ne pas utiliser cet équipement avec des appareils médicaux électriques comme un stimulateur cardiaque.*



CAUTION

- Do not spray any liquid substance directly onto the device.
- *Ne pulvérisez aucune substances liquids directement sur l'appareil.*



CAUTION

- No excessive force on shoulder joint.
- *Ne pas appliquer de force excessive sur les bars articulés.*

