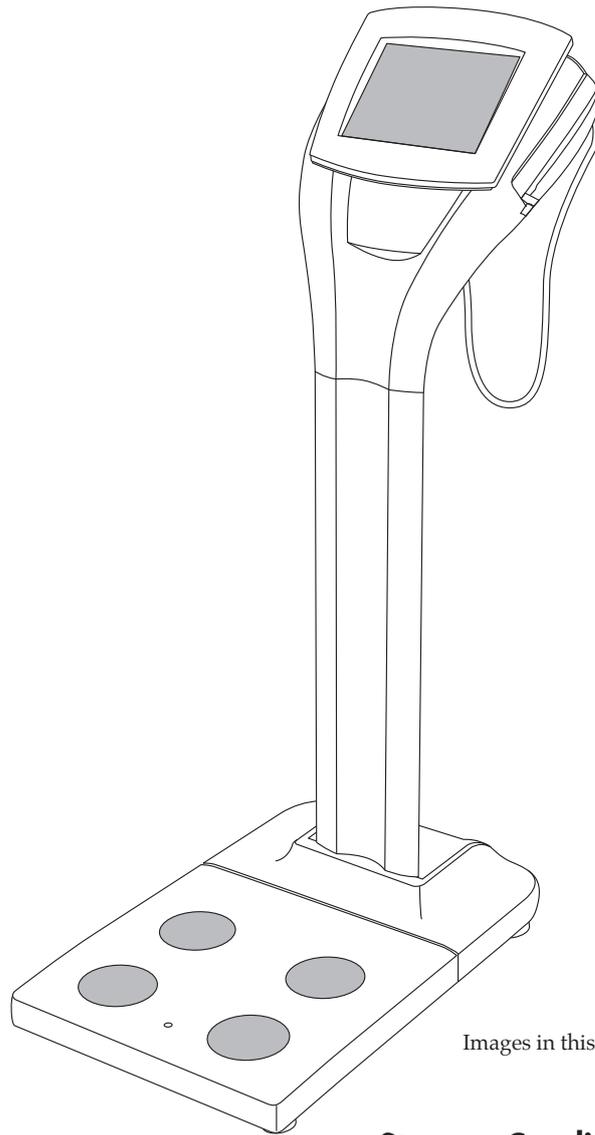


Instructions for Use

III BODY COMPOSITION ANALYZER MC-980MA-N plus



Images in this manual are for illustration purposes only.

<Usage Conditions>

Temperature Range	: 5-35°C
Relative Humidity Range	: 30-80% (non-condensing)
Max Altitude	: 2,000m ASL
Atmospheric Pressure Range	: 86-106kPa

<Storage Conditions>

Temperature Range	: -10-50°C
Relative Humidity Range	: 10-90% (non-condensing)
Atmospheric Pressure Range	: 70-106kPa

To avoid malfunctions, avoid storing the equipment in a place with direct sunlight, significant temperature changes, a risk of dampness, a large amount of dust or a risk of vibration or impact, or in the vicinity of flames.



Please read this Instruction Manual carefully and keep it for future reference.

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Before Use

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Part Names & Connection Procedure

en

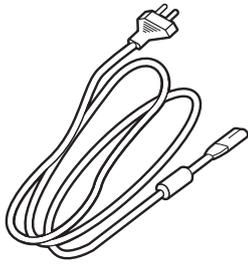
Before Use

Accessories

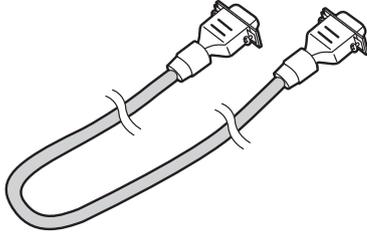
- Instruction Manual (this manual)
- Technical Notes
- Assembling Guide



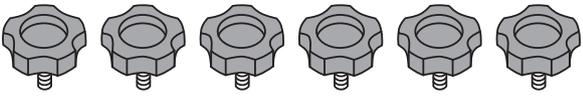
Power Supply Cord



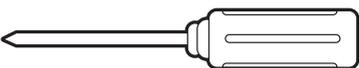
AC Cord



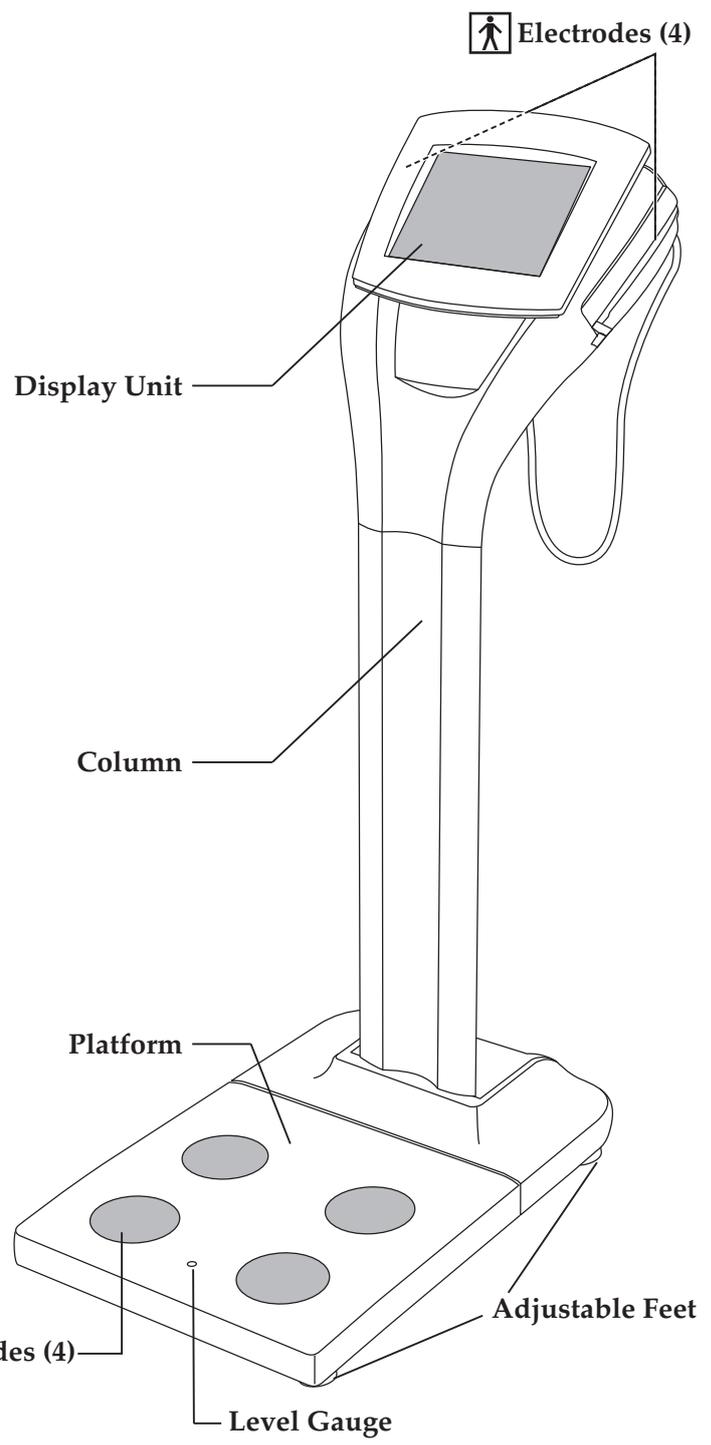
Communication Cable



Screws (6 pcs)

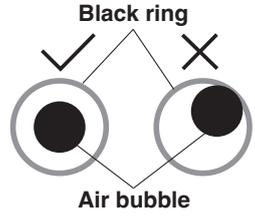


Screwdriver



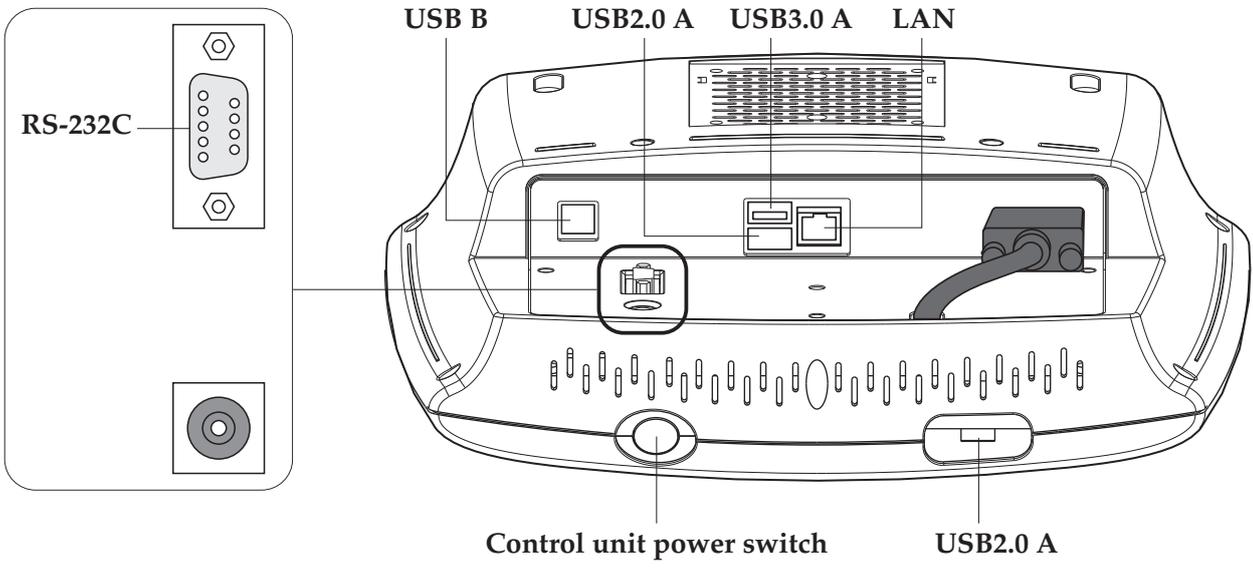
Checking that the equipment is level

- * For accurate measurements, place the machine as level as possible.
- * Rotate the adjustable feet (4 positions for adjustment) until the bubbles in the level gauge are in the center.

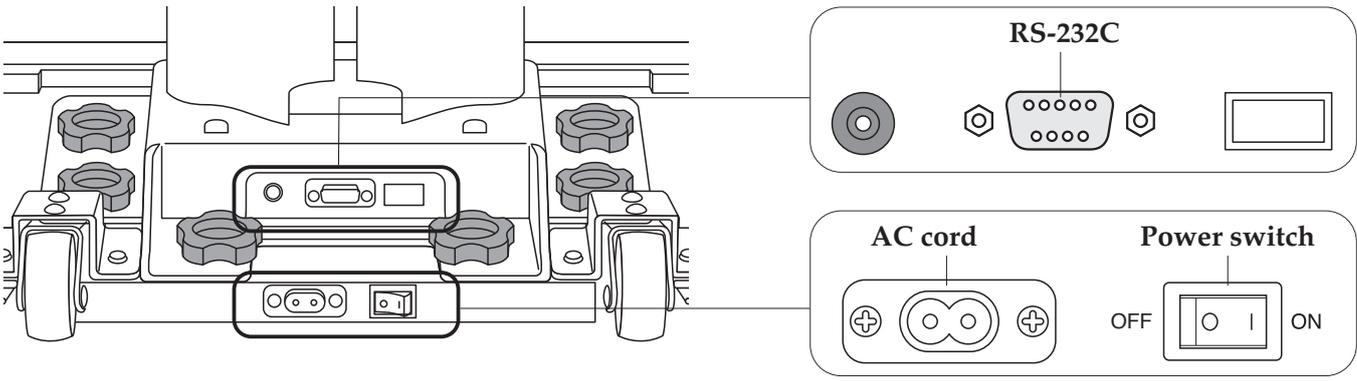


(The level gauge as viewed from above)

Connection of Plugs on Control Unit



Connection of Plugs on Platform



Symbols and their Meanings

	Display unit on.		Alternating current		Class II equipment
	WEEE- Waste Electrical and Electronic Equipment Directives		Manufacturer		Input, output
	Caution! Refer to the attached notes.		Type BF applied part - Grips and platform		For indoor use only
	Polarity of the DC power connector		Computer network		Conformity with Medical Device Directive 93/42/EEC
	Direct current		Serial interface		See the instructions
	Serial number		ON (power)		OFF (power)
	Warning: Electricity Caution! Risk of electric shock.		General prohibition sign		General mandatory action sign

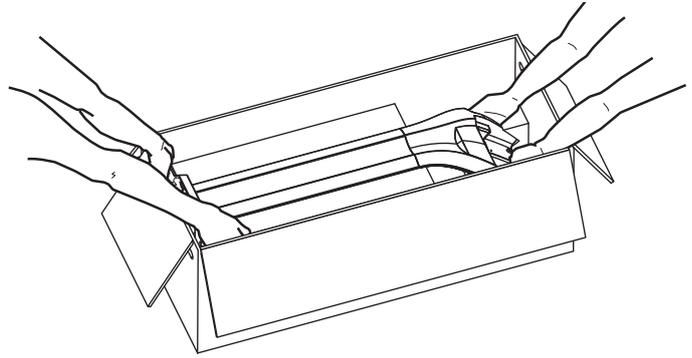
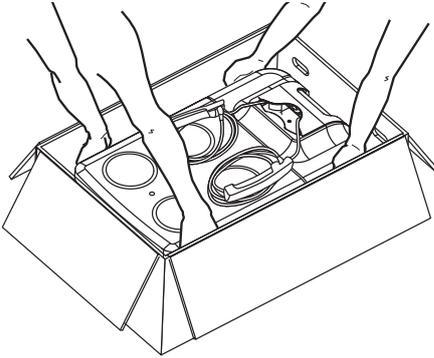
Preparation

Setting up the main unit

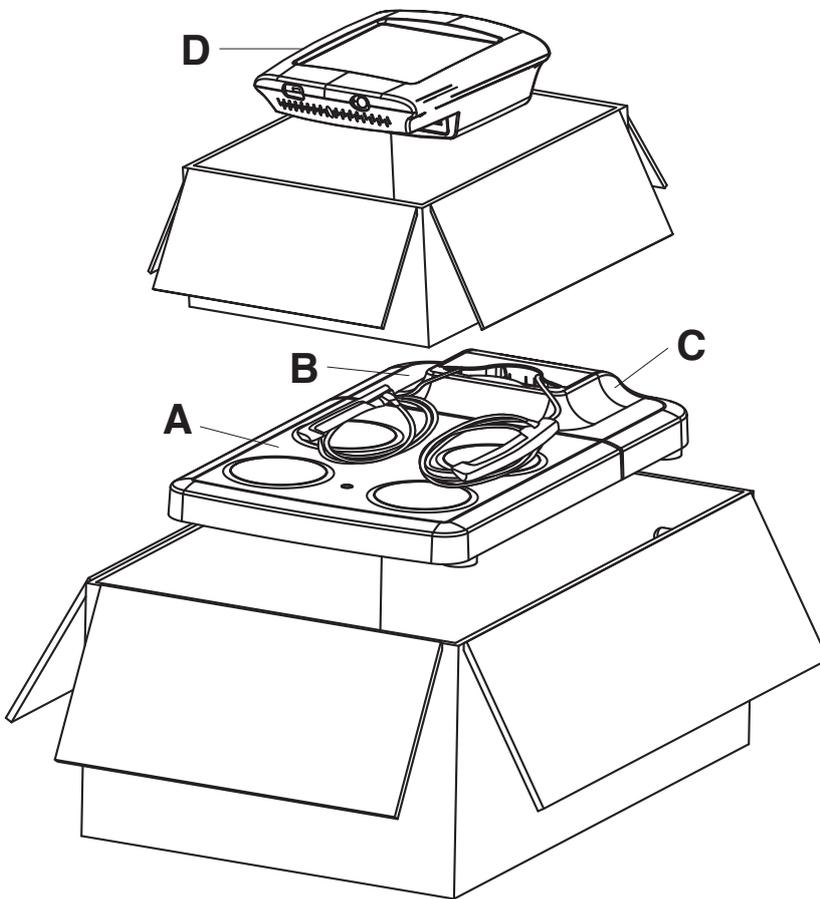
en

Before Use

⚠ Caution 2 people should unpack the equipment



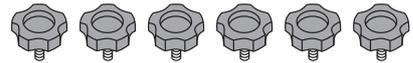
Platform / Control Box



Instruction Manual (This manual)

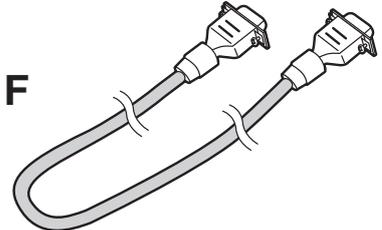
Assembling Guide

E



Screws (6)

F



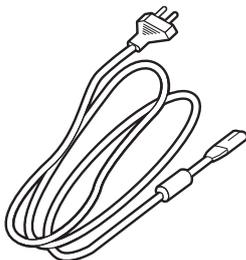
Communication Cable

G



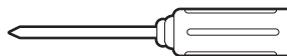
Power Supply Cord

H



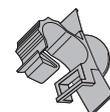
AC Cord

I



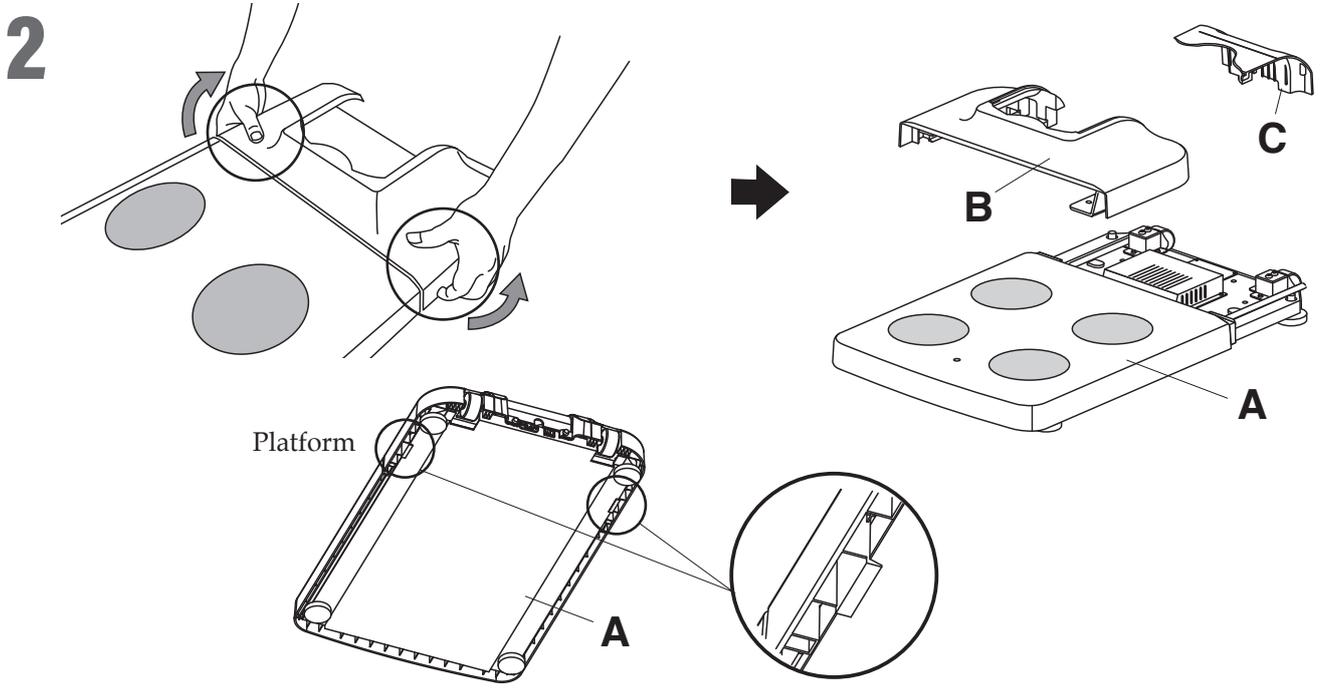
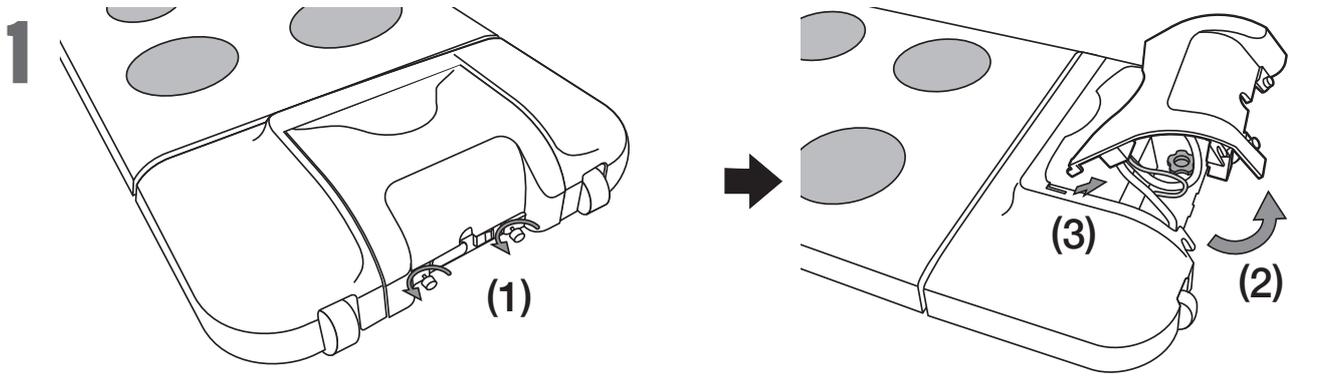
Screw Driver

M

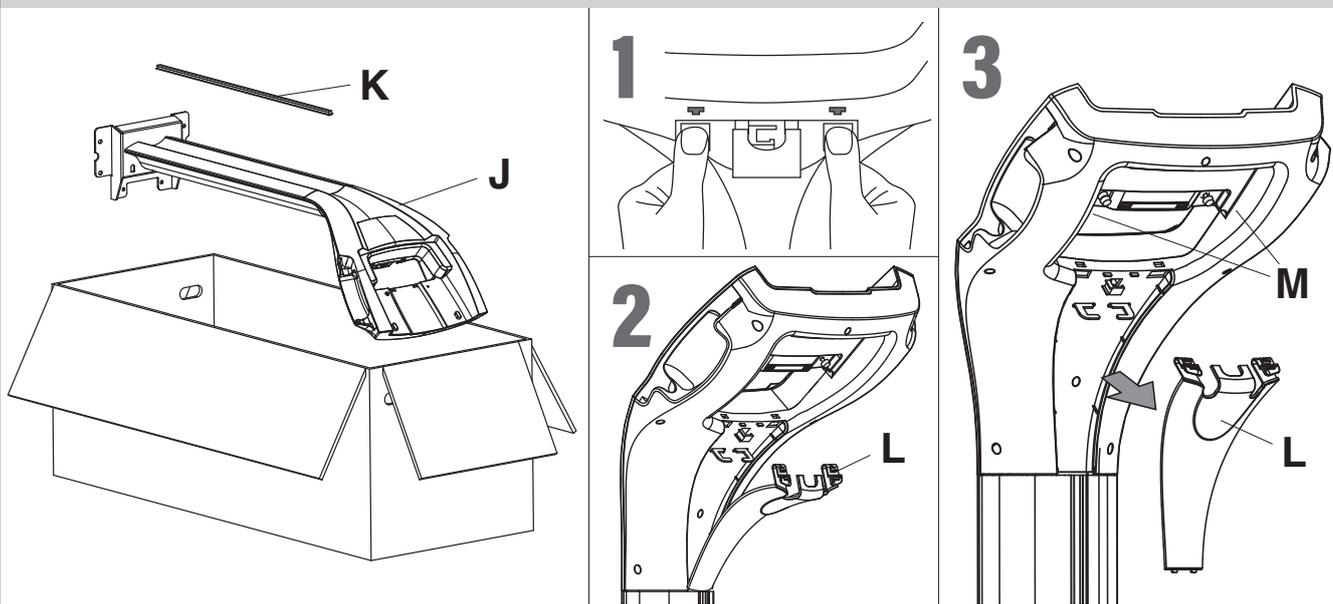


Clamp
*Already installed

Platform / Control Box (continued)



Column Unit



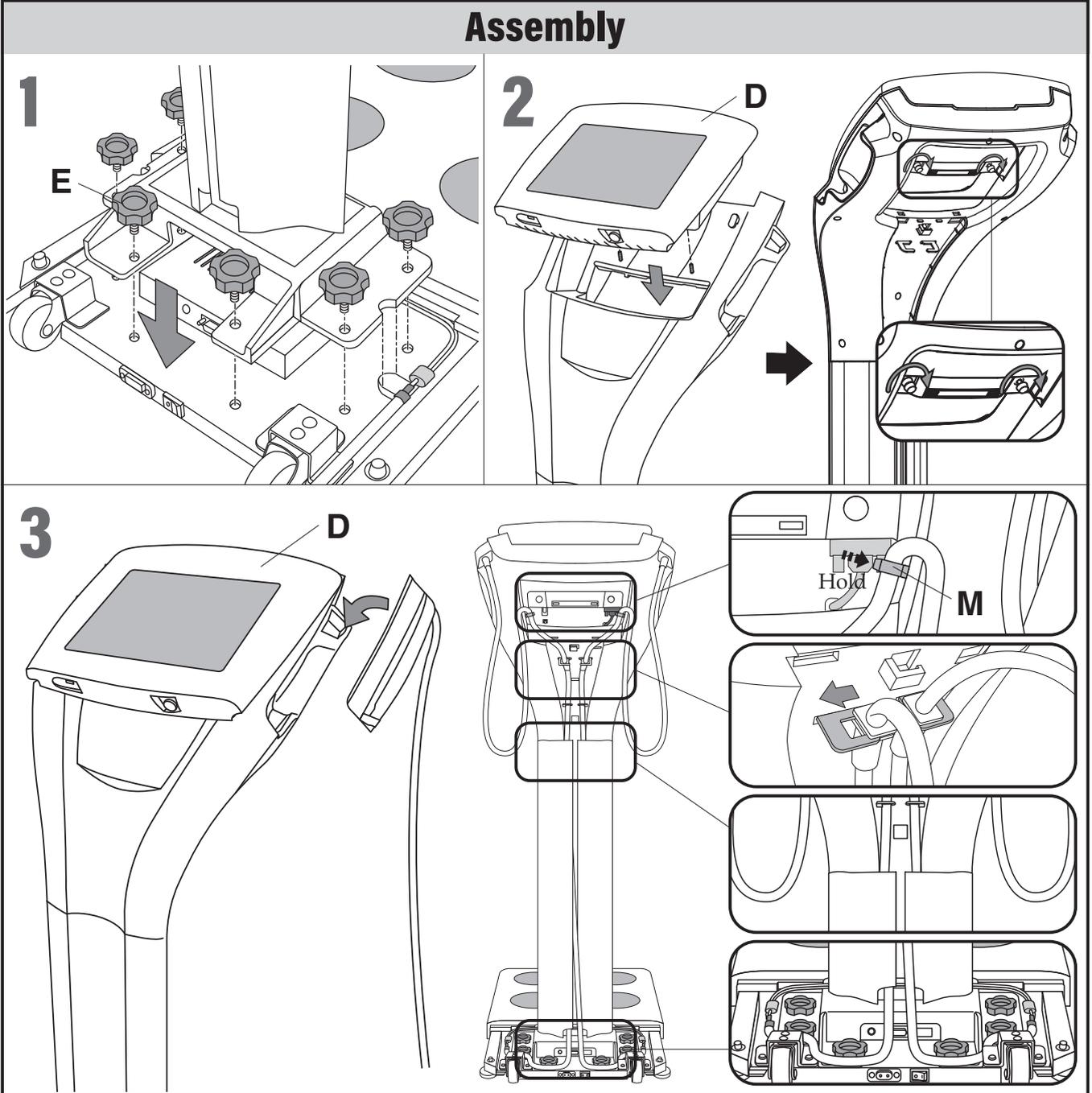
Preparation

Setting up the main unit (continued)

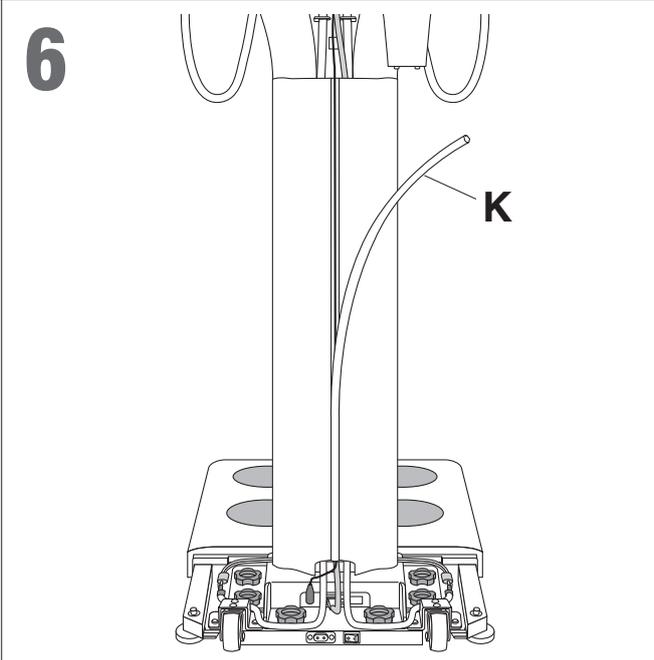
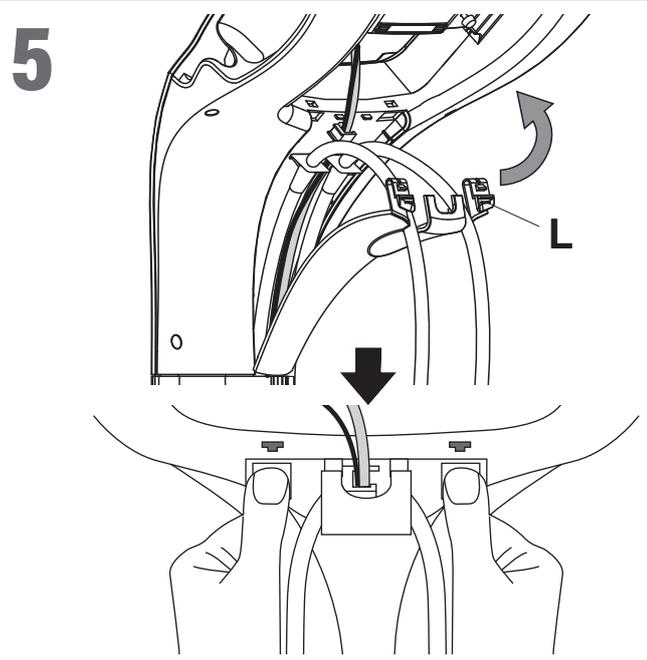
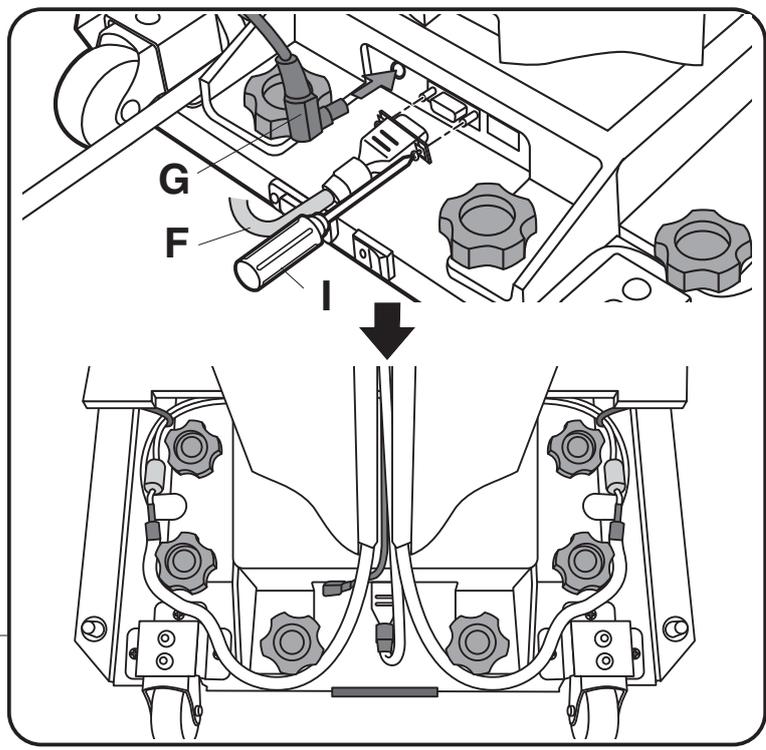
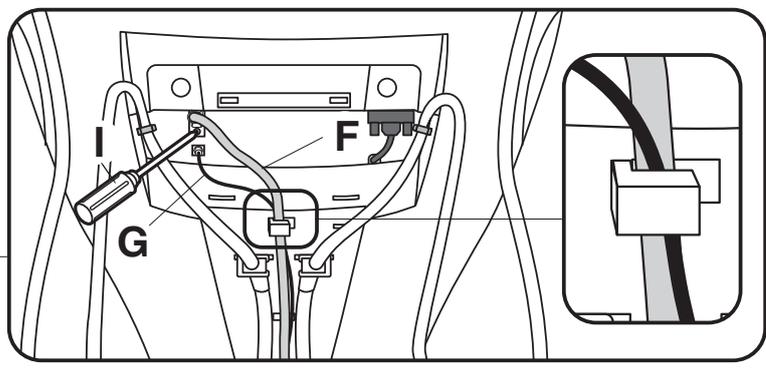
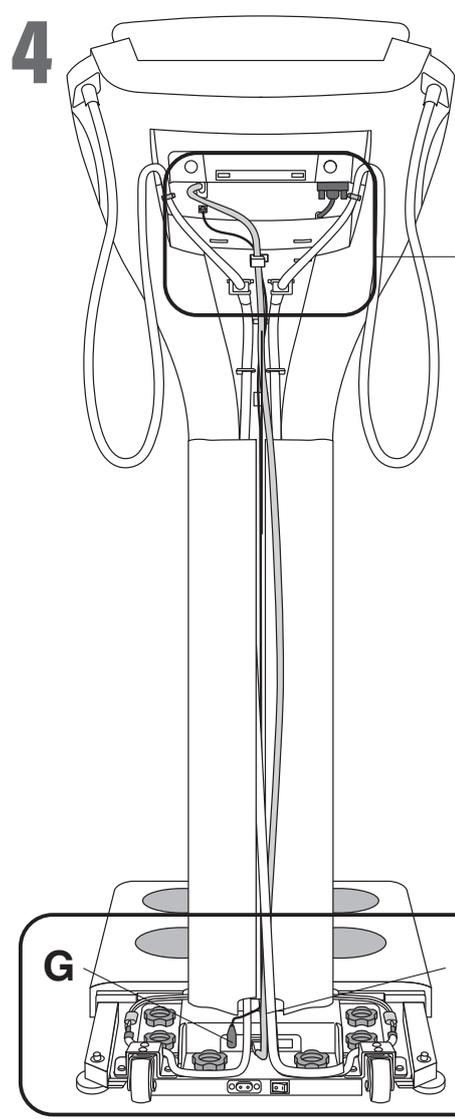
en

Before Use

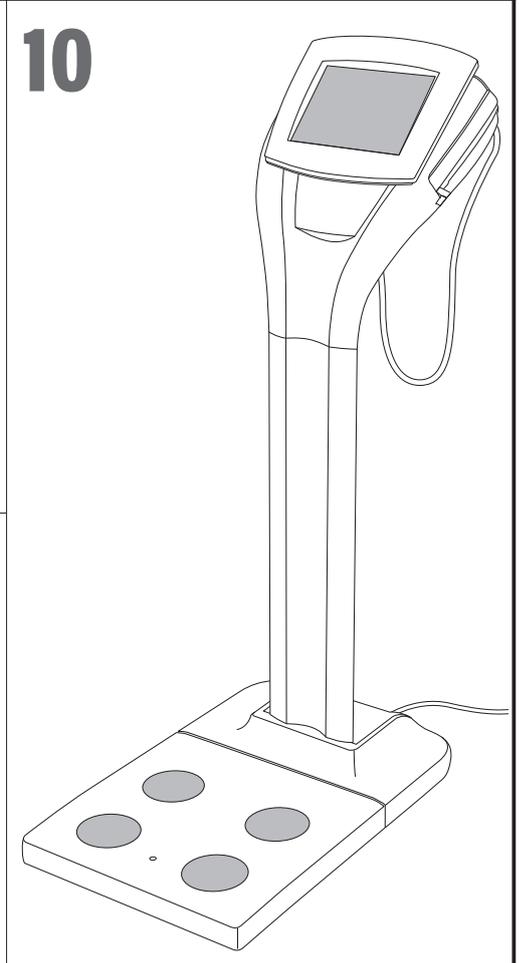
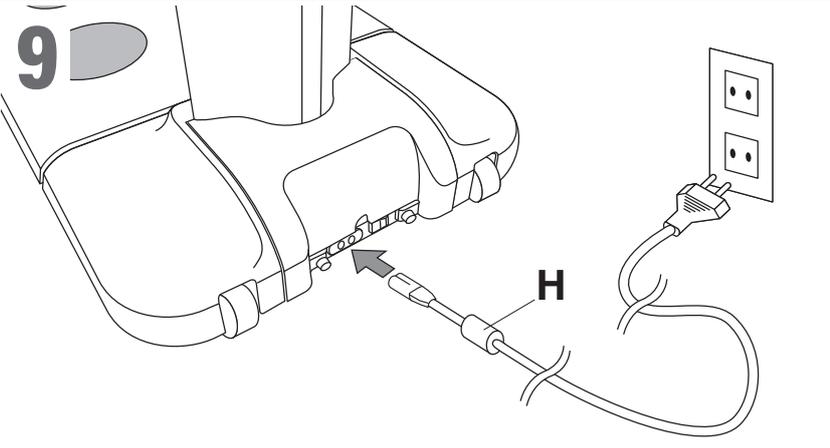
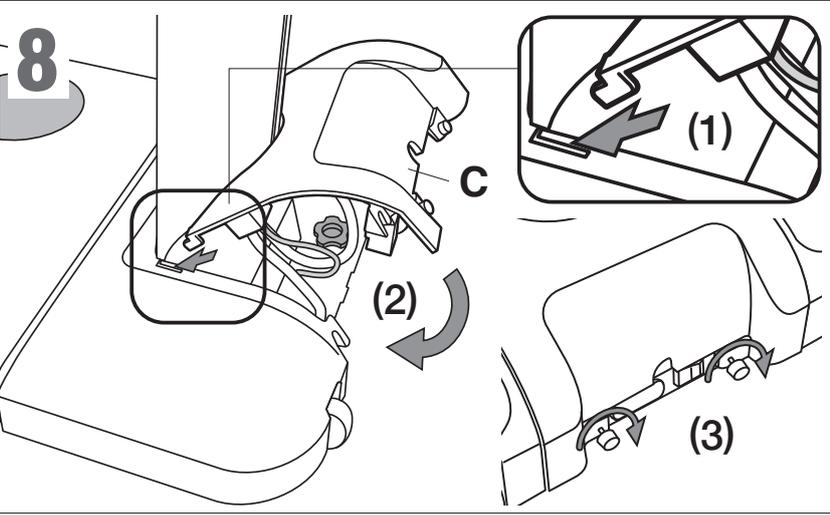
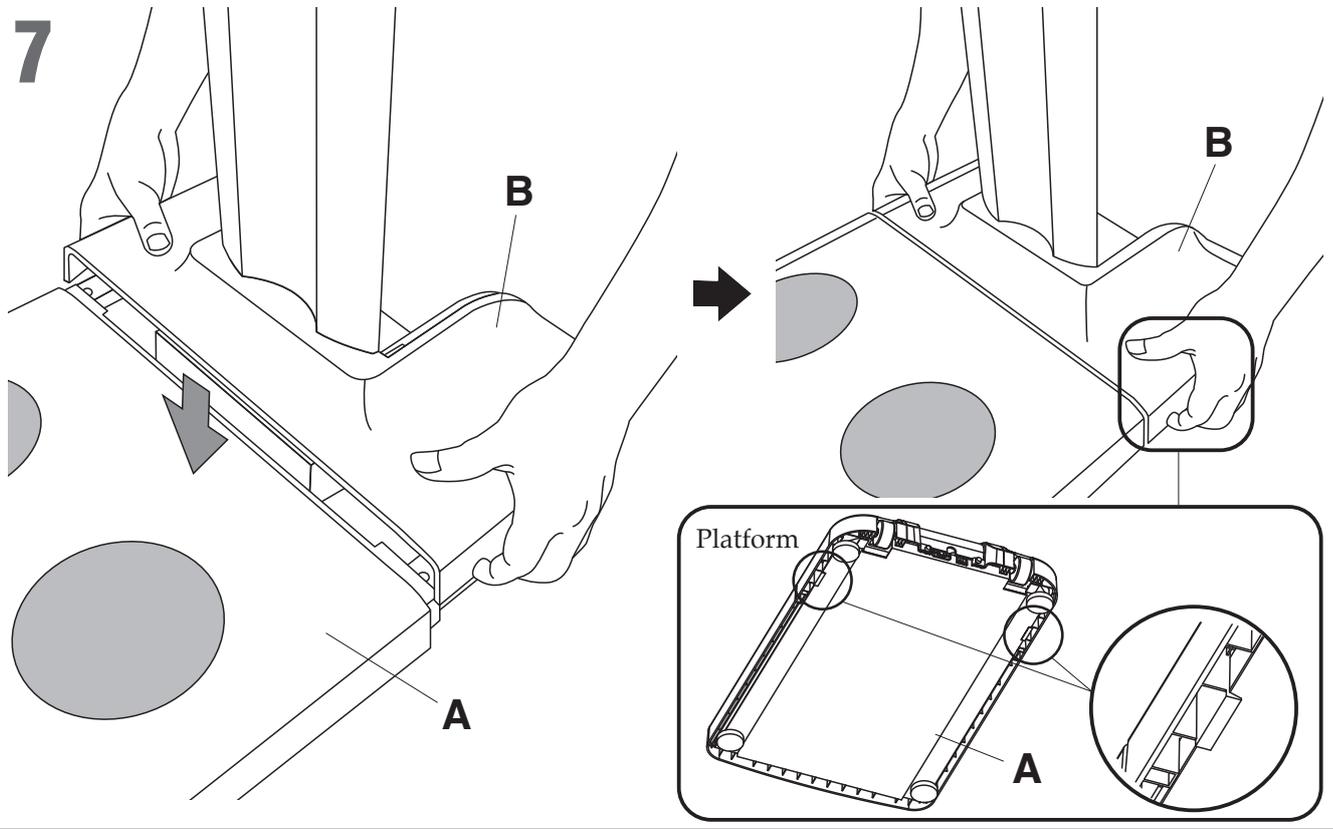
Assembly



Assembly (continued)



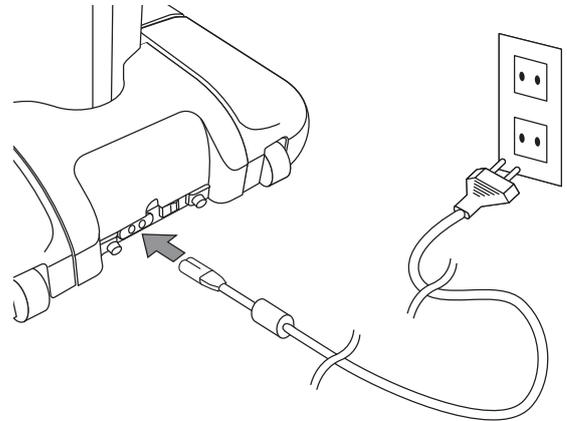
Assembly (continued)



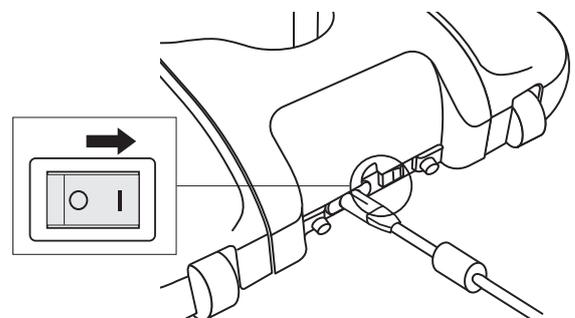
Power Supply

Turning On the Power

1 Connect the cable to the platform and plug it in to power outlet.

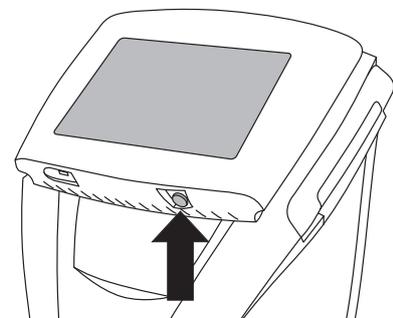


2 Turn on the power of the platform.



Then turn on the power of the control box.

*Be sure to turn on the power of the platform first.



3 The initial screen is displayed.

- Initial Settings (👉 page 15)
- Various Settings (👉 page 16)
- Database Management Settings (👉 page 21)

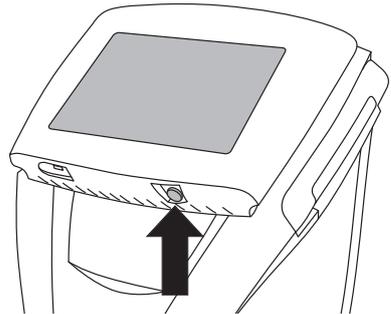
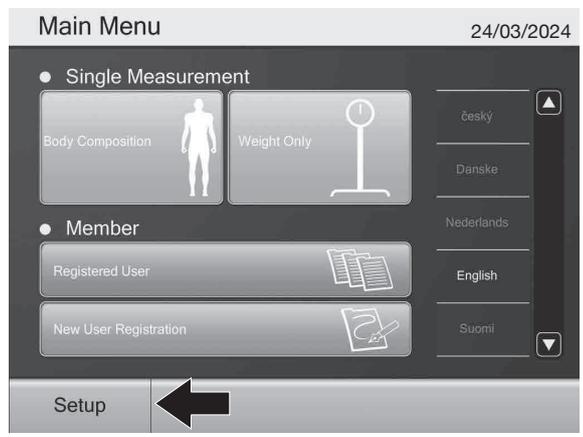
(Initial screen)



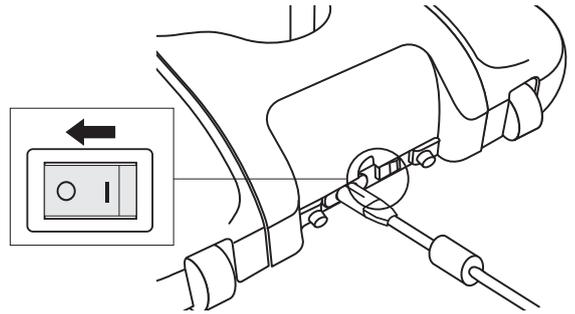
Turning Off the Power

1 Select "Setup" and then select "Shutdown"

or press the switch on the control box to turn off the power.



2 Turn off the power of the platform.

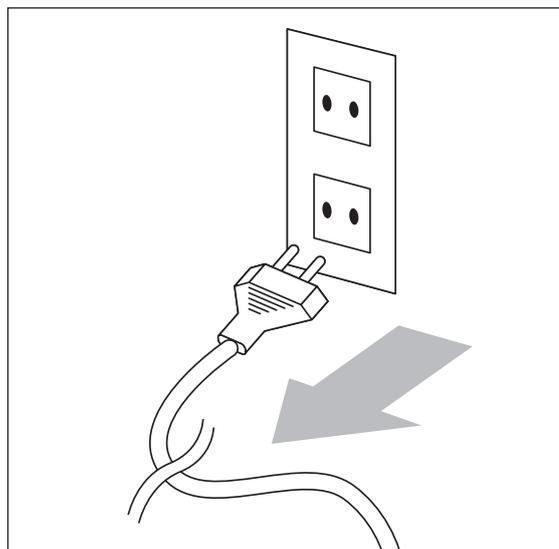


Emergency Shutdown

The power can be turned off immediately in an emergency by removing the plug from the power outlet. Make sure that there are no obstructions around the power outlet when using this equipment.

Note

Do not turn off the power by removing the plug from the power outlet except in an emergency.



Setup Flowchart

Configuring the Settings

Before Use

Select "Setup"

Page 15: Step 1

Input Password

Initial password "9999"
Input the password and select "Enter."

Page 15: Step 2

Select Settings Menu

Page 15: Step 3

Various Settings

Page 16: Step 2

- Date and Time Page 16
- Printer Page 17
- PC Connection Page 17
- External Device Page 18
- Measurement Mode Page 19
- Controller Page 20

Database Management

Page 21: Step 2

- Call up Member Data Page 21
- Add, Remove or Change Page 22
 - *Register New User
 - *Search Registered User
 - *Import User Data
 - *Export User Data
- Output Measurement Result Page 25
- Data Backup

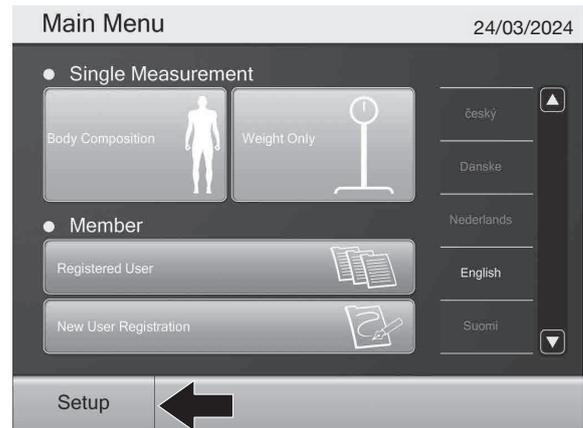
Initial Settings

Configuring the Settings (continued)

en

Before Use

1 Select "Setup"



2 Input the password, then select "Enter"

*Initial password "9999"

To change the password (👉 page 35)



3 Select Settings Menu

Various Settings (👉 page 16)

Database Management (👉 page 21)

Change Password (👉 page 35)



Various Settings

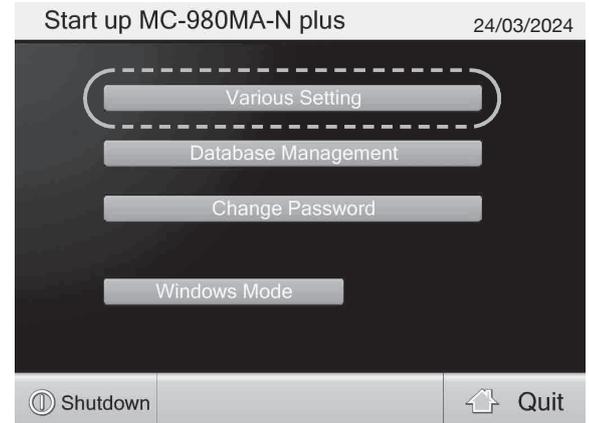
Configuring the Settings (continued)

en

- **Quit** ⇨ Main Menu
- **OK** ⇨ Save changes.
- **Back** ⇨ Return without saving.

Before Use

1 Select "Various Settings"



2 Select Settings Menu



3 1. Select "Date and Time"

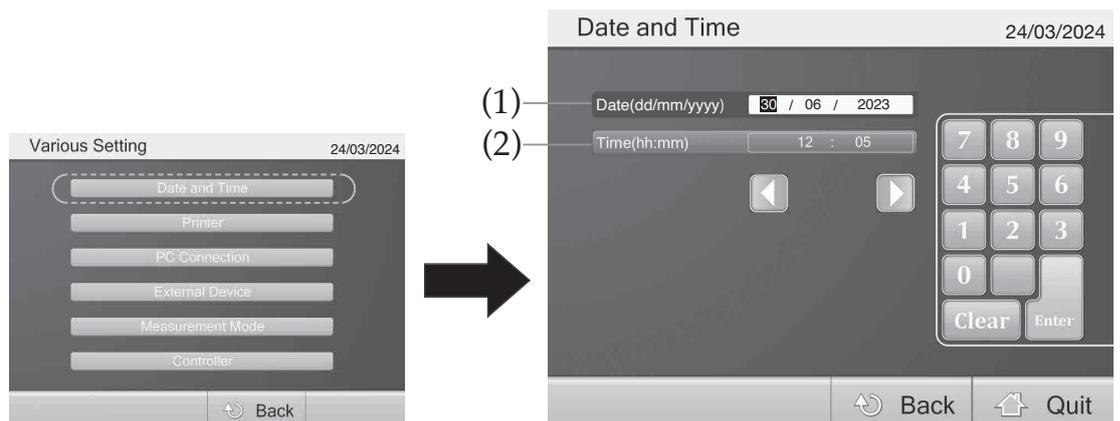
Set date and time.

(1) Date (dd/mm/yyyy): Input date in dd/mm/yyyy format

Example 30th June 2023 ⇒ 30/06/2023

(2) Time (hh:mm): Input time in "hh : mm" format. Use 24-hour time.

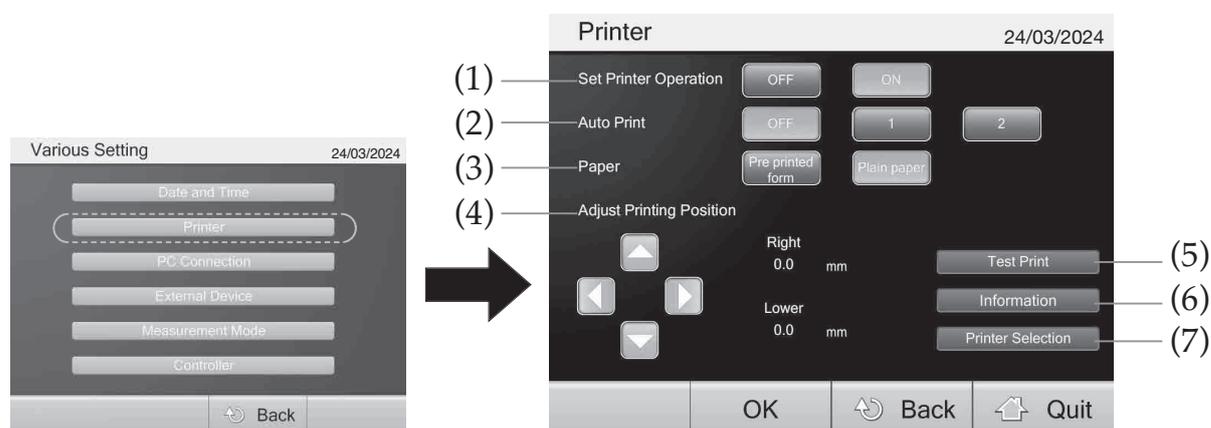
Example 6:05pm ⇒ 1805



2. Select "Printer"

- (1) Set Printer Operation: Select ON/OFF for the printing function.
- (2) Auto Print: Set the number of pages to be printed.
- (3) Paper: Select the printing paper ("Pre printed form" or "Plain paper.")
- (4) Adjust Printing Position.
- (5) Test print: Check printer operation and printing position.
- (6) Information: Print additional information (address, etc.)
- (7) Printer Selection: Select your printer.

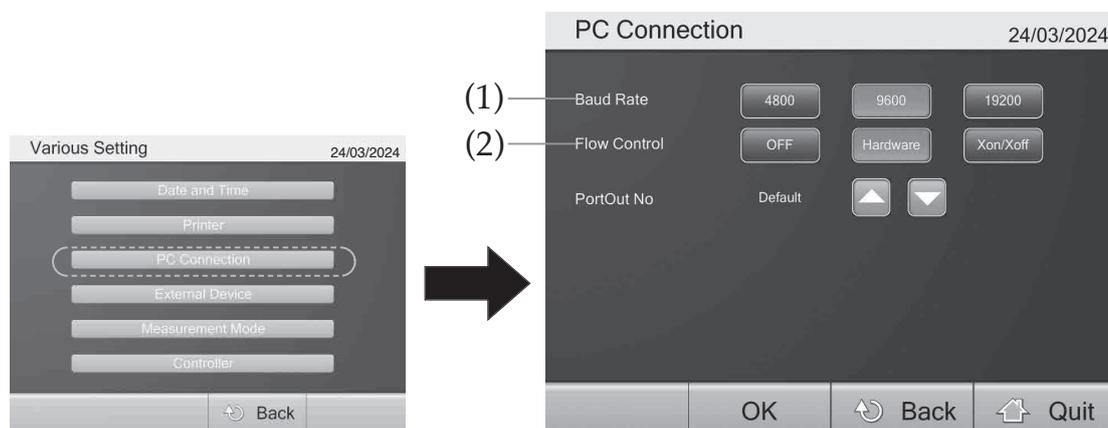
After configuring all settings, press OK.



3. Select "PC Connection"

- (1) Baud Rate: Select the baud rate.
- (2) Flow Control: Select the flow control.

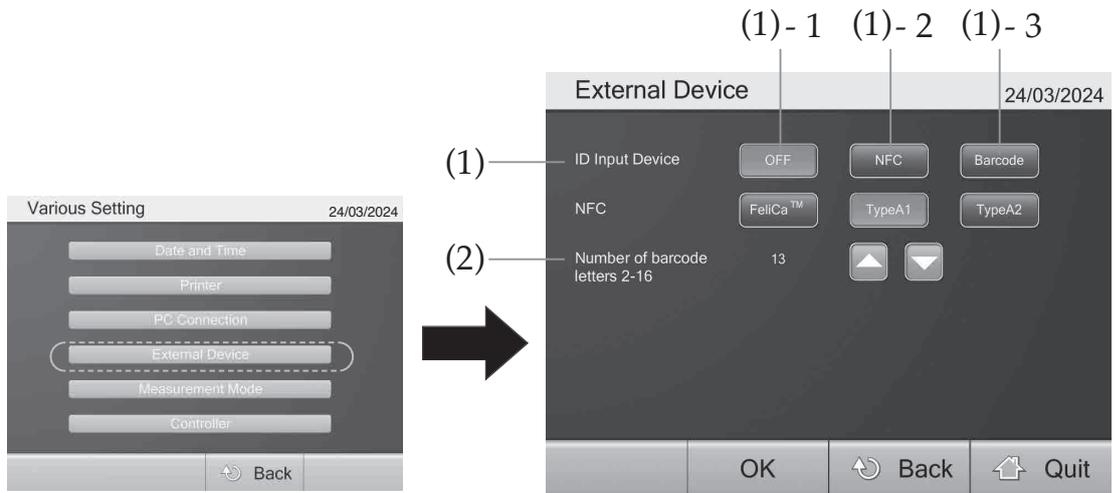
After configuring all settings, press OK.



- **Quit** ⇨ Main Menu
- **OK** ⇨ Save changes.
- **Back** ⇨ Return without saving.

4. Select "External Device"

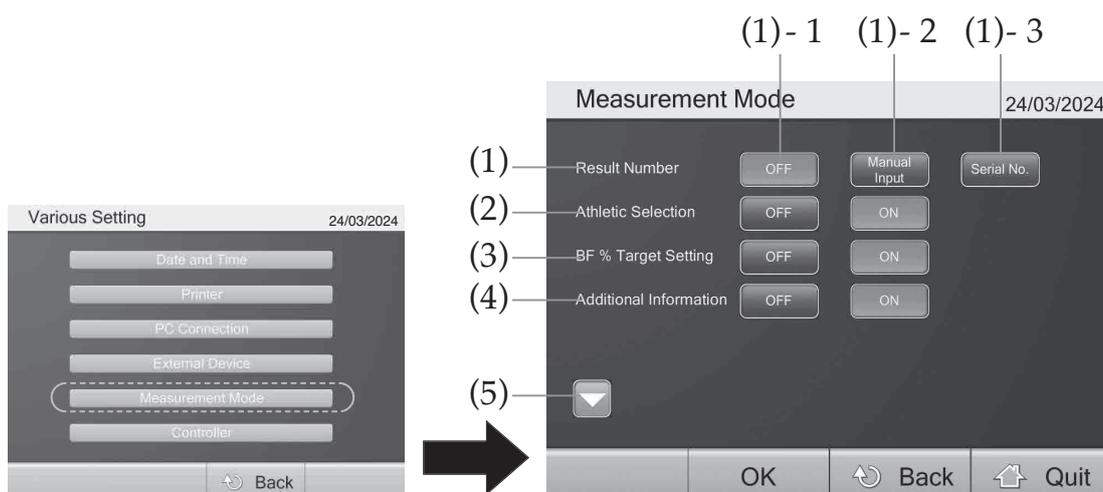
- (1) ID Input Device: Select the type of card reader.
 - (1) - 1 OFF: Input ID from the touch screen.
 - (1) - 2 NFC: Select this if using an NFC reader. *Optional function.
 - (1) - 3 Barcode: Select this if using a barcode reader. *Optional function.
- (2) Select the number of characters in the barcodes to be used.
After configuring all settings, press OK.



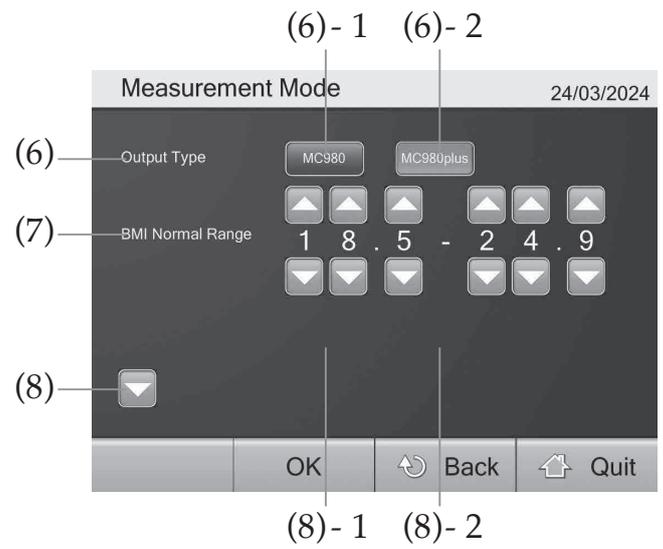
5. Select "Measurement Mode"

Numbering function

- (1) Result Number: Select the result data numbering function.
- (1) - 1 OFF: Invalid numbering function.
- (1) - 2 Manual input: Result numbers up to 16 digits long can be input.
- (1) - 3 Serial No.: Automatically enters a serial number after measurement.
- (2) Athletic Selection: Set ON/OFF for athletic mode.
*Athletic Mode (☞ page 30)
- (3) BF % Target Setting: Set ON/OFF for target body fat percentage.
*Target Body Fat (☞ page 30)
- (4) Additional Information: Select Additional Information.
- (4) - 1 OFF: Does not display Additional Information.
- (4) - 2 ON: Displays Additional Information.
- (5) The screen changes as follows.

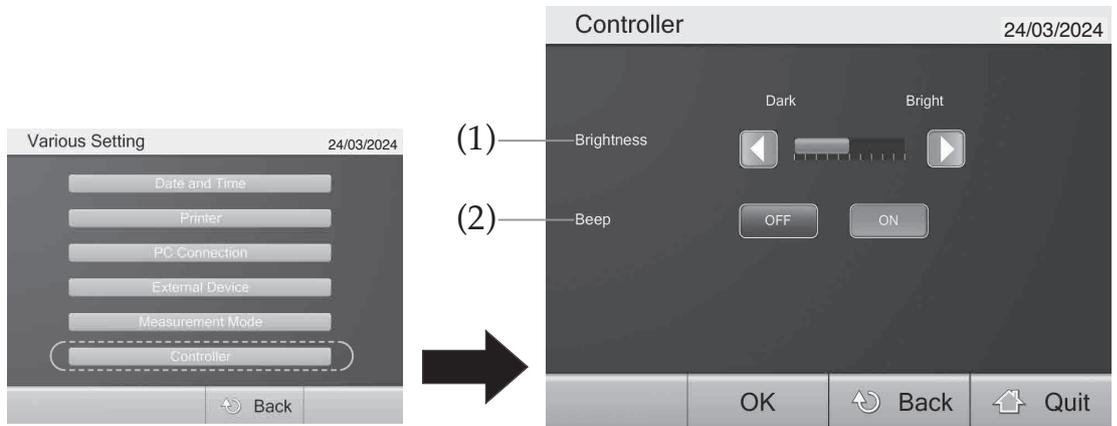


- (6) Output type: Select the data output format.
- (6) - 1 MC980: Does not output additional information.
- (6) - 2 MC980plus: Outputs additional information.
- (7) BMI normal range: Enter the normal BMI range.
- (8) Returns to the previous screen.



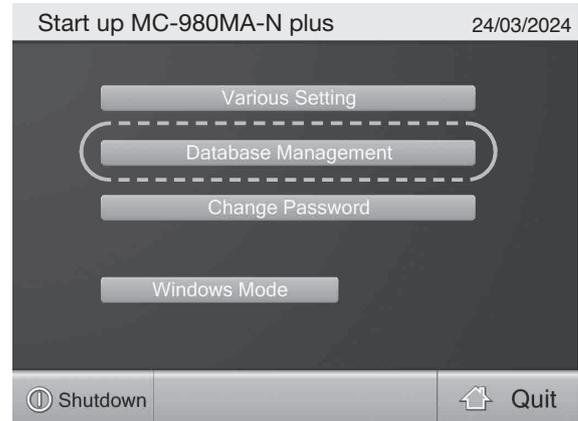
6. Select "Controller"

- (1) Brightness: Adjust the brightness of the monitor.
- (2) Beep: Set the beep sound (ON/OFF).



- **Quit** ⇨ Main Menu
- **OK** ⇨ Save changes.
- **Back** ⇨ Return without saving.

1 Select "Database Management"



2 Select Settings Menu



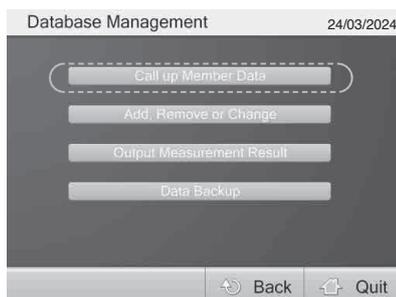
3 1. Select "Call up Member Data"

Recall stored measurement result data.

Input a user ID, name or measurement date and press "Search."

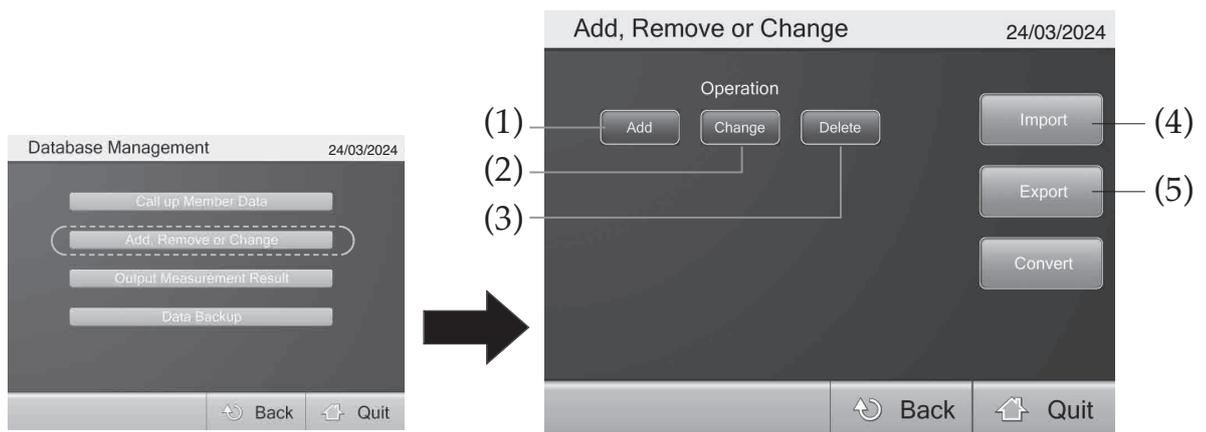
*If you search without inputting any data, all stored measurement results are displayed.

*If you enter multiple criteria, data meeting all search condition is displayed. Select a data item and press "View."



2. Select "Add, Remove or Change"

- (1) Add: Register new user data. (☞ page 22)
- (2) Change: Change registered user data. (☞ page 23)
- (3) Delete: Delete registered user data. (☞ page 23)
- (4) Import: Import user data from an external file. (☞ page 24)
- (5) Export: Export user data. (☞ page 24)



2-1. Select "Add"

Register a new user to the database.

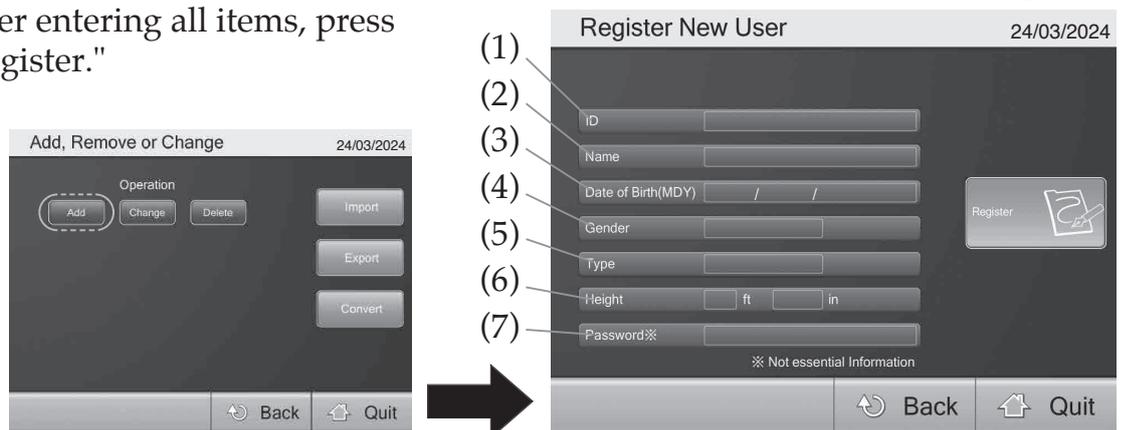
Input a user ID, name and all personal information and press "Register."

- (1) ID: Enter a maximum of 16 alphanumeric characters.
Note Duplicate ID numbers are not accepted.
- (2) Name: Enter a maximum of 16 alphanumeric characters.
- (3) Date of Birth: Input the date of birth in dd/mm/yyyy format.

Example 24th September 1973 ⇒ 24/09/1973

- (4) Gender: Select the gender.
- (5) Type: Select Standard mode/ Athletic mode. *Athletic Mode (☞ page 30)
- (6) Height: Enter a height 90.0–249.9cm (0.1cm increments)
- (7) Password: Enter a number with a maximum of 10 digits. *Password is optional.

After entering all items, press "Register."



• **Quit** ⇨ Main Menu • **OK** ⇨ Save changes.

• **Back** ⇨ Return without saving.

2-2. Select "Change" or "Delete"

Remove/change registered user data.

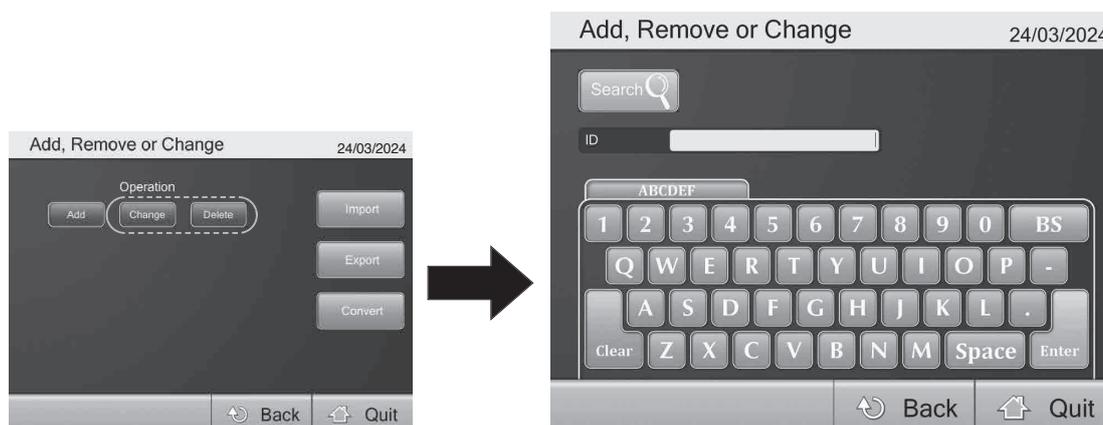
Input a user ID, user name or measurement date and press "Search."

*If you search without inputting anything, all stored measurement results are displayed.

*If you enter multiple criteria, data meeting all search conditions is displayed.

To delete data: After recalling the registered user details, press "Delete."

To change data: After recalling the registered user details, enter the new personal data and press "Change."



- **Quit** ⇨ Main Menu
- **OK** ⇨ Save changes.
- **Back** ⇨ Return without saving.

2-3. Select "Import"

Import user data from an external file.

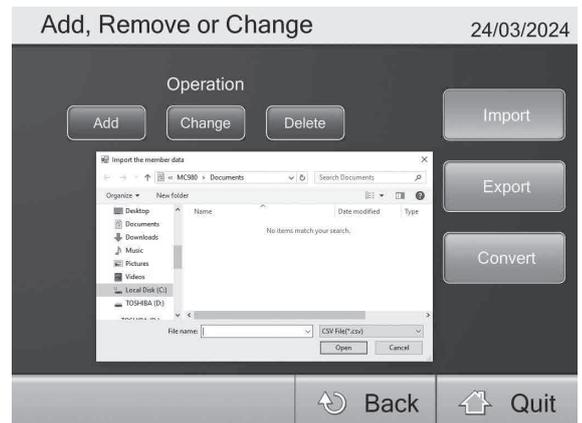
Select the CSV file where the user data is stored.

* Refer to the "Export" section for details on data formats.

The format of imported user data is as follows.

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <p>(1) User ID:
Maximum of 16 alphanumeric characters</p> <p>(2) Name:
Maximum of 16 alphanumeric characters</p> <p>(3) Password:
Maximum of 10 digits (optional)</p> <p>(4) Date of Birth: dd/mm/yyyy format</p> | <p>(5) Gender: 1. Male 2. Female</p> <p>(6) Body type:
0: Standard mode 2: Athletic mode</p> <p>(7) Height (cm): 90.0–249.9</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|

Example 24th September 1973
⇒ 09/24/1973



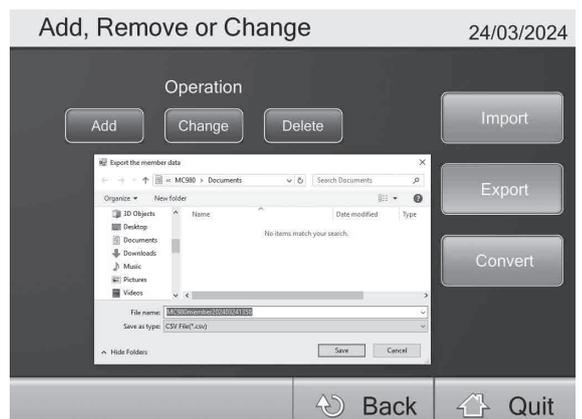
2-4. Select "Export"

Export user data to a selected file.

The format of exported user data is as follows.

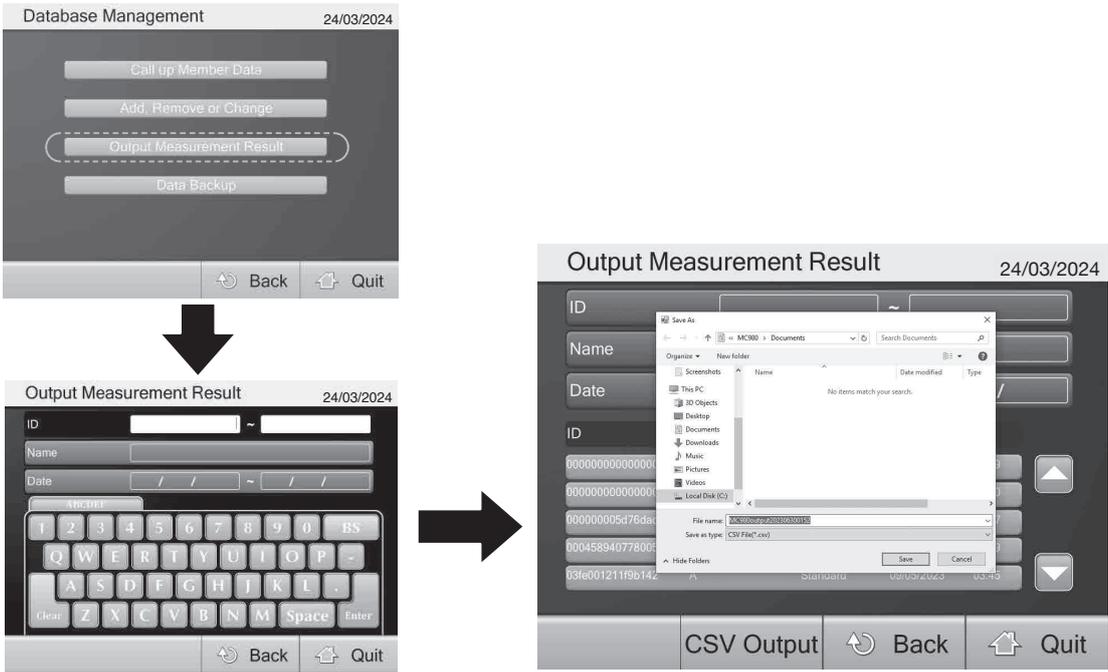
- | | |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <p>(1) User ID</p> <p>(2) Name</p> <p>(3) Password
Blank if not registered</p> <p>(4) Date of Birth: dd/mm/yyyy format</p> | <p>(5) Gender: 1. Male 2. Female</p> <p>(6) Body type:
0: Standard mode 2: Athletic mode</p> <p>(7) Height (cm): 90.0–249.9</p> |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|

Example 24th September 1973
⇒ 09/24/1973



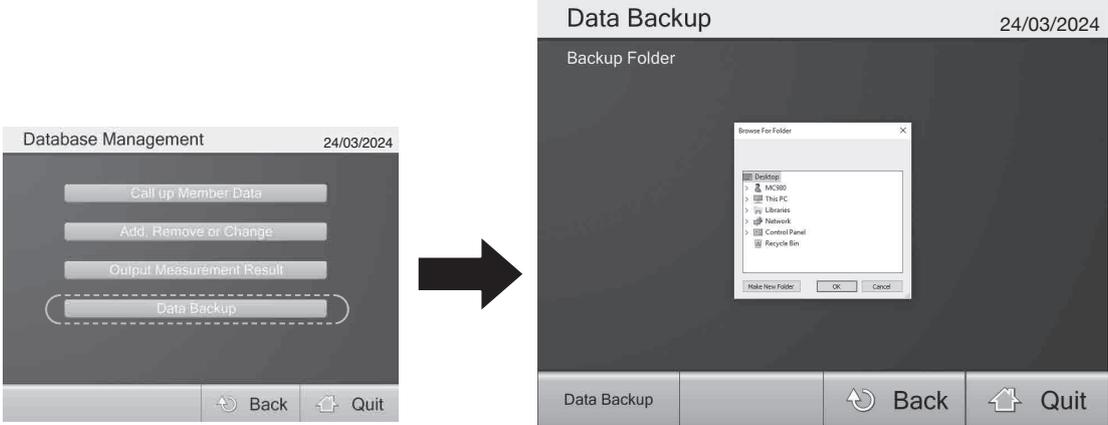
3. Select "Output Measurement Result"

Input a user ID, user name or measurement date and press "Search."
*If you search without inputting any data, all stored measurement results are displayed.
*If you enter multiple criteria, data meeting all search conditions is displayed.
After selecting the data, press "CSV Output."



4. Select "Data Backup"

Back up all data to a selected destination file.

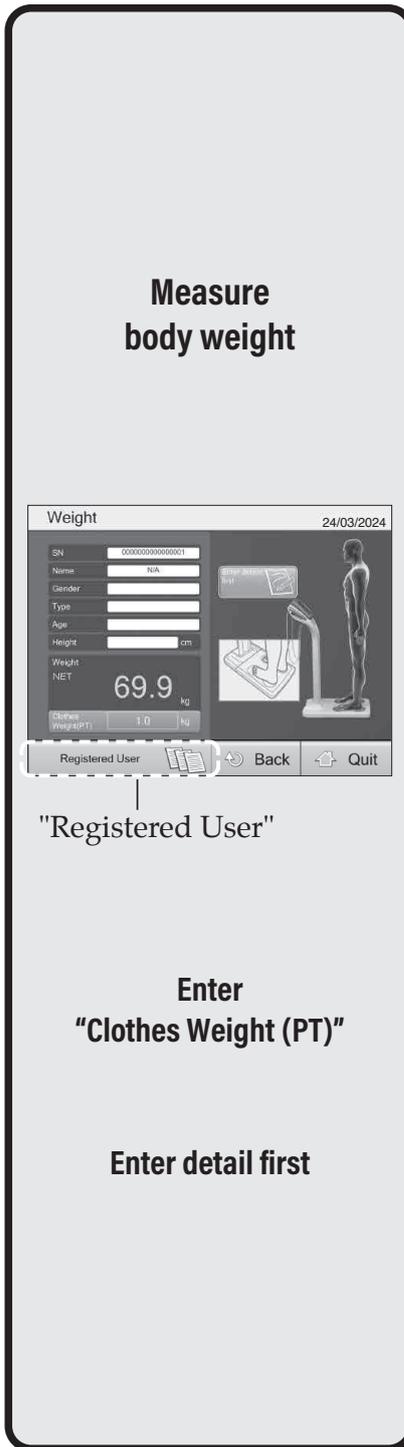
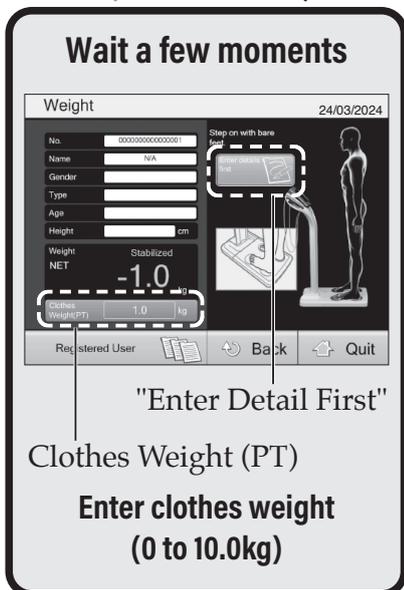
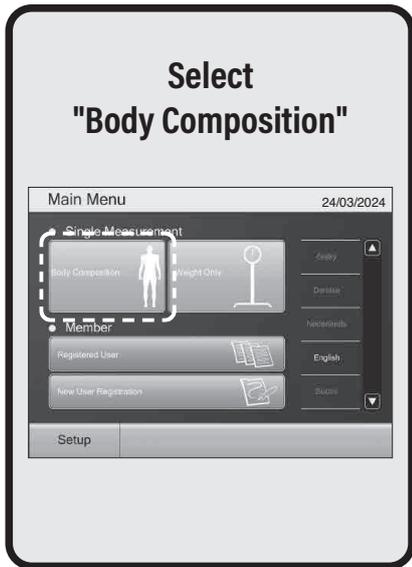


Taking a Measurement

Single Measurement

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How to Use



(Gray arrow): One step flow (Enter detail first), (Black arrow): Two step flow (Measure body weight first)

Check information and press "Start Measurement"

Check & Start 24/03/2024

SN: 0000000000000001
Name: N/A
Age: 37
Gender: Male
Type: Standard
Height: 170.3 cm
PT: 1.0 kg
BF% Target: 20 %

START Measurement

Back Quit

Measure body composition

Body Composition 24/03/2024

SN: 0000000000000001
Name: N/A
Gender: Male
Type: Standard
Age: 37
Height: 170.3 cm
Weight: 69.8 kg
Clippers Weight(PT): 1.0 kg

New measuring Whole Body. Please wait 25 seconds.

Back Quit

<Child>

<Adult>

Correct measurement posture

Measure body weight

Weight 24/03/2024

SN: 0000000000000001
Name: N/A
Gender: Male
Type: Standard
Age: 37
Height: 170.3 cm
Weight: -1.0 kg
Clippers Weight(PT): 1.0 kg

Step on with bare feet.

Back Quit

Check information and press "Start Measurement"

Check & Start 24/03/2024

SN: 0000000000000001
Name: N/A
Age: 37
Gender: Male
Type: Standard
Height: 170.3 cm
PT: 1.0 kg
BF% Target: 20 %

START Measurement

Back Quit

View the measurement results

Overview 23/04/2024

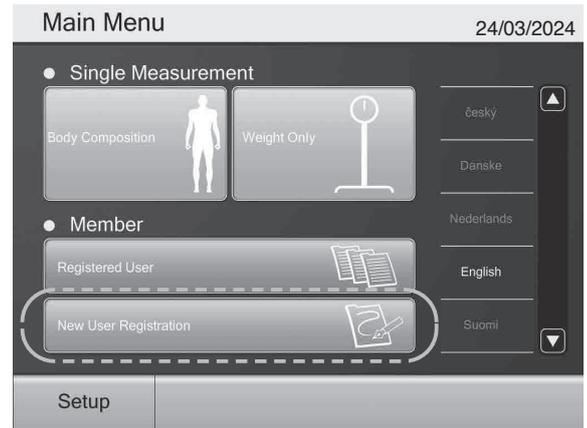
No: 0000000000000001 | Age: 37 | Type: Standard
Name: N/A | Gender: Male | Height: 170.0 cm

Date: 24/03/2024

Weight	73.3 kg	Fat Mass	14.9 kg	Muscle Mass	2.9 kg	BF%	16.6 %	ICM	16.9 kg
Fat	20.3 %	Muscle Mass	55.5 kg	TBW	53.1 %	BMI	25.4	Weight	73.3 kg
Muscle Mass	55.5 kg	TBW	53.1 %	BMI	25.4	Weight	73.3 kg	BF%	16.6 %
TBW	53.1 %	Weight	73.3 kg	BF%	16.6 %	ICM	16.9 kg	Weight	73.3 kg
BMI	25.4	BF%	16.6 %	ICM	16.9 kg	Weight	73.3 kg	BF%	16.6 %

Print Quit

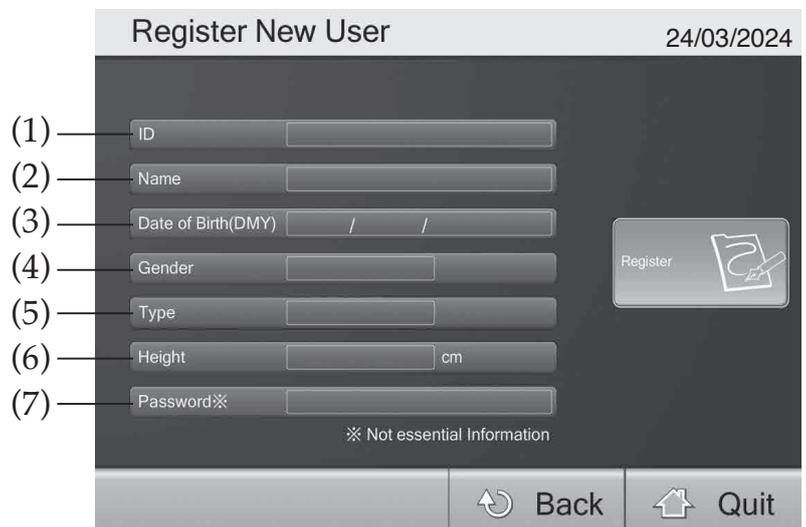
1 Select "New User Registration"



2 Input a user ID, name and all personal information and press "Register"

- (1) ID: Enter a maximum of 16 alphanumeric characters.
Note Duplicate ID numbers are not accepted.
- (2) Name: Enter a maximum of 16 alphanumeric characters.
- (3) Date of Birth: Input date of birth in dd/mm/yyyy format.
Example 24th September 1973 ⇒ 24/09/1973
Note The oldest year of birth that can be registered is 1900.
Note Users aged 100 or over are measured as 99 years old.
- (4) Gender: Select the gender.
- (5) Body Type: Select Standard mode/ Athletic mode.
*Athletic Mode (👉 page 30)
- (6) Height: Acceptable range 90.0–249.9cm (0.1cm increments)
- (7) Password: Enter a number with a maximum of 10 digits.
Note Password is optional.

After entering all items, press "Register."



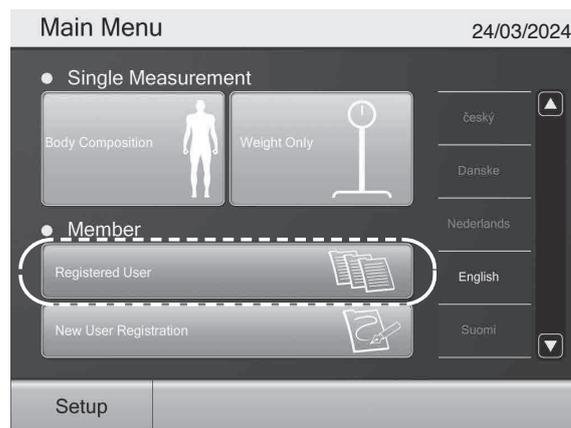
Taking a Measurement

Registered User

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How to Use

1 Select "Registered User"



2 Enter your user ID and Password

Note Password is optional.



3 Check the displayed information and press "Start Measurement"



Step onto the analyzer with bare feet.

Note You can skip impedance measurement if necessary.



Taking a Measurement

General Instructions for Measuring Body Composition

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- Wait for at least two hours before taking measurements if the equipment has been transferred to a location where there is a temperature difference of $\pm 68^{\circ}\text{F}$ / $\pm 20^{\circ}\text{C}$ or more.

Athletic Mode

- **Recommended for those who are 18 years old or older and meet the following conditions.**
 - People who carry out 12 or more hours of cardio vascular exercise a week or exercise for 12 hours or more per week.
 - People who belong to a sports team or a sporting organization with the aim of participation in competitions, etc.
 - Professional athletes.

Target Body Fat

- **Please consult your doctor before starting a weight management program, and set the appropriate personal body fat percentage. TANITA cannot be responsible for setting the appropriate target body fat percentage for specific individuals.**

Important

- **Correct posture when measuring**
 - Stand on the electrodes with both feet parallel.
 - Stand with straight legs. Do not bend the knees.
- **The age range is from 5–99 years old.**
Enter 99 for those who are 100 years old or older.

Note

- Inaccurate results may occur after excessive food/fluid intake, or after periods of intense exercise.
- If the clothes weight is input, the clothes weight is subtracted from the weight measurements.

Overview

The components of body composition

Weight	Measured weight
Fat Mass	Total weight of fat in the body
FFM	Fat Free Mass is comprised of muscle, bone, tissue, water, and anything else other than fat that counts towards body mass.
Bone Mass*	Entire amount of bone mineral.
Muscle Mass*	Bone free lean tissue mass (LTM)
Protein**	Amount of protein in muscles.
Total Body Water* (TBW)	The amount of water retained in the body
Extracellular Water* (ECW)	Water outside the cells, mainly composed of interstitial fluid and blood plasma.
Intracellular Water* (ICW)	Water inside cells

* Estimated value for persons between 18 - 99 years old

** Protein etc. are estimated values

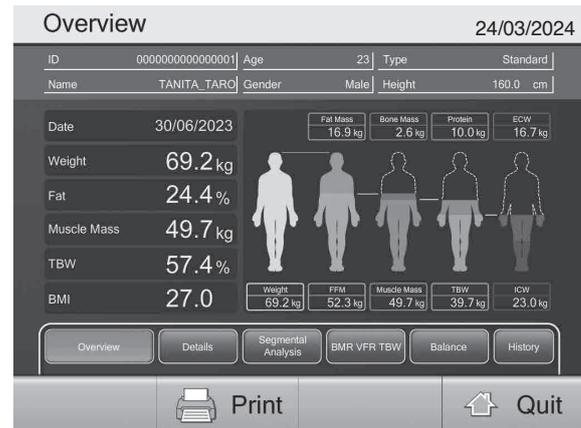
Details

Measurement results are compared with the following values.

Desirable	The standard value is for the Standard mode. When Athletic Mode is used, the standard value is used for reference.
Target*	Predicted weight and fat mass are displayed according to the set target BF %
Previous**	Displays the difference with the previous result
Initial**	Displays the difference with the initial result

* Only available when the target BF % is set.

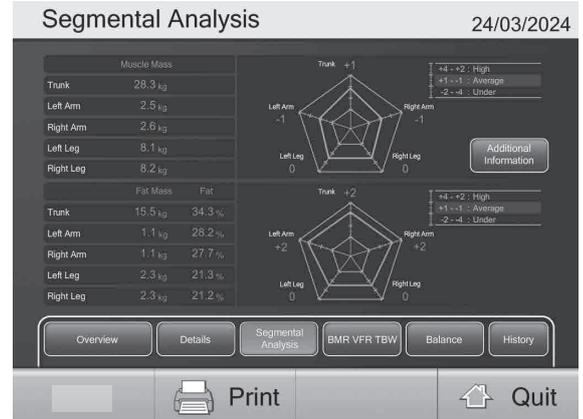
** Only available for "Registered User" measurements



Segmental Analysis

Segmental measurement results are compared with the average value.

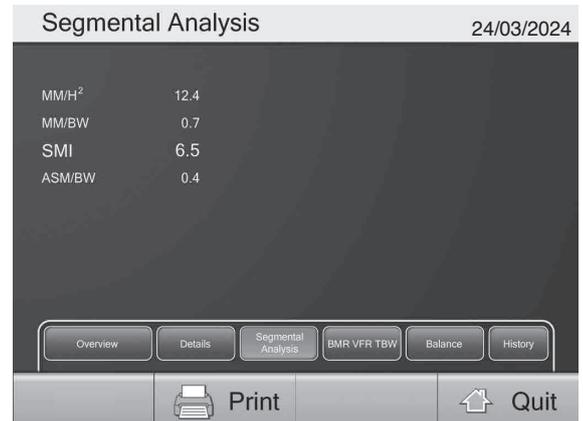
* Only for persons between 18 - 99 years old



MM/H ²	Whole body muscle mass (kg)/Height (m) ²
MM/BM	Whole body muscle mass (kg)/Body Weight (kg)
SMI*	Total muscle mass value of right arm, left arm, right leg and left leg (kg)/Height (m) ²
ASM/BW**	Total muscle mass value of right arm, left arm, right leg and left leg (kg)/Weight (kg)

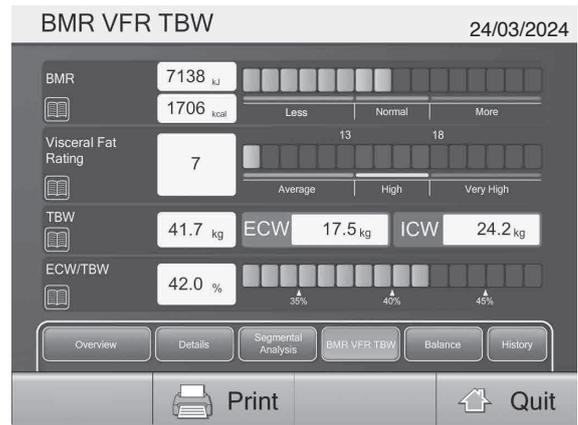
*SMI : Skeletal Muscle Mass Index

**ASM : Appendicular Skeletal Muscle Mass



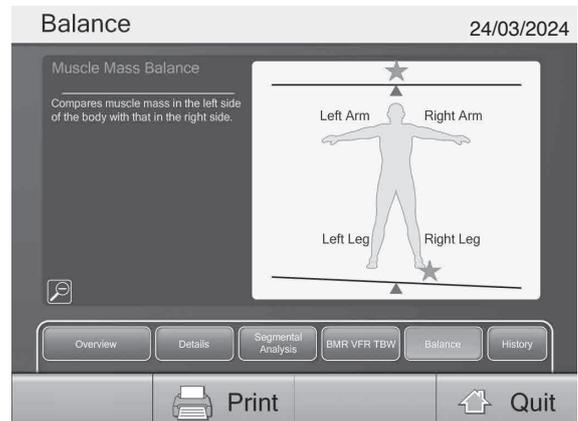
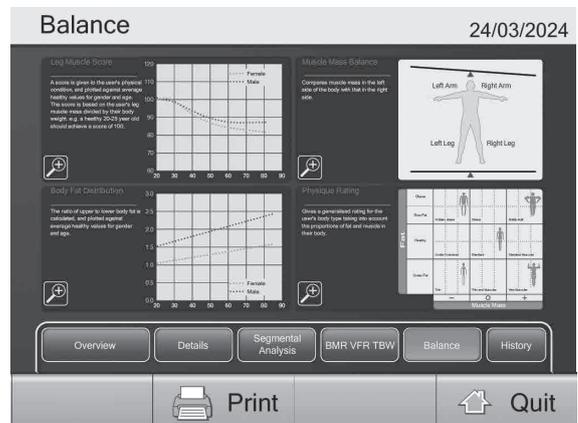
BMR / VFR / TBW

BMR	Basal Metabolic Rate (BMR) is the amount of energy the body consumes in a 24 hour period, when at total rest.
Visceral Fat Rating	Harmful fat that collects in the internal abdominal cavity, surrounding the vital organs.
TBW	Total Body Water (TBW) is the amount of water retained in the body.
ECW / TBW	Percentage of extracellular water in relation to the total body water.



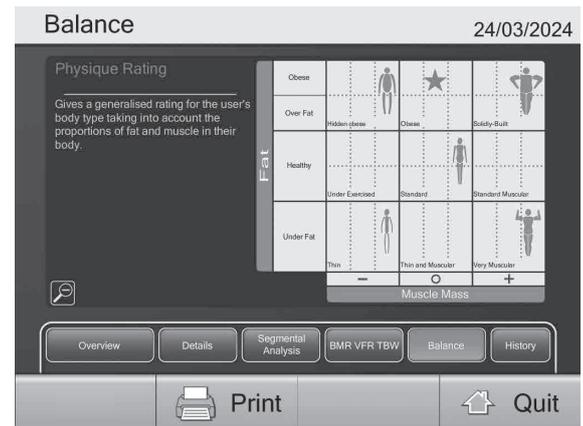
Body Balance [Muscle Mass Balance]

Compares muscle mass on the left side of the body with that on the right side.



Body Balance [Physique Rating]

Gives a rating for the user's body type taking into account the proportions of fat and muscle in their body.

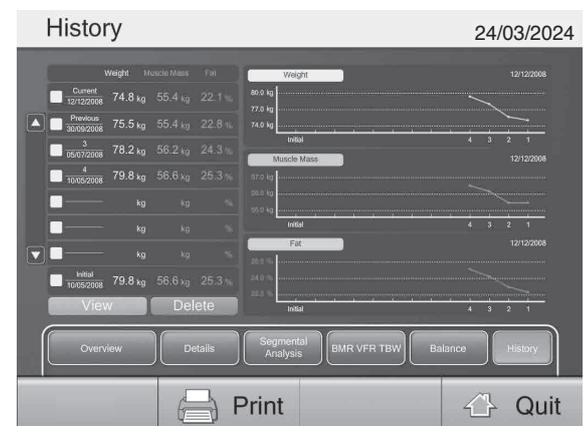


Result History

Displays the measurement result trends.

View	Displays the selected data.
Delete	Deletes the selected data.

* Only available for "Registered User" measurement



Change Password

1 Select "Setup"



2 Input the password, then select "Enter"

*Initial password "9999"



3 Select "Change Password"



4 Enter the new password



Troubleshooting

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If you are experiencing problems, please check the following before asking for repairs.

Other Information

	Problem	Solution
Measuring	Impedance measurement error	<ul style="list-style-type: none"> • Hold the handgrips and electrodes firmly with fingers and palms. • Stand barefoot on the platform when measuring. • If the soles of the feet are dry, use a dropper to apply about 0.5 mL of water before measurement. • Reconfirm the input details.
	Zeroing error	<ul style="list-style-type: none"> • Turn off the power, remove everything from the platform, then turn on the power and try measuring again.
	Weight value does not level.	<ul style="list-style-type: none"> • Is the analyzer placed on a vibrating surface? • Is the measuring platform tilted? • Is something blocking the gaps in the measuring platform? • Remove any inserted objects.
Display	Nothing is displayed even when the power is turned on.	<ul style="list-style-type: none"> • Confirm that the power is connected correctly.
	Touch panel screen display is dark.	<ul style="list-style-type: none"> • Backlight failure. Contact the retailer where you purchased the analyzer.
	"-----" is displayed.	<ul style="list-style-type: none"> • The weight to be measured exceeds the maximum capacity.

Specifications

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Other Information

Model Number		MC-980MA-N plus
Classification		MDD: CLASS IIa NAWI: CLASS III
Power Source		230V AC
Rated Power		50VA
Impedance Measurement	Measurement System	Multi-frequency 8 electrodes
	Measurement Frequency	1kHz, 5kHz, 50kHz, 250kHz, 500kHz, 1000kHz
	Measurement Current	90μA or less
	Electrode Materials	Feet: stainless steel/Handgrips: plated
	Measurement Part	Whole body/Right arm/Left arm/Right leg/Left leg/Trunk
	Measurement Range	75.0–1,500.0Ω (0.1 Ω increments)
	Accuracy at First Calibration	± 2%
Weight Measurement	Measurement System	Strain gauge load cell
	Maximum Capacity	300kg (including preset tare value)
	Minimum Graduation	0.1kg
	Accuracy at First Calibration	± 0.2kg
Display		10.4" TFT color LCD touch panel
Interface		USB Type-A Port (USB host) x3
		USB Type-B Port (Device) x1
		LAN port x1
Product Weight		33kg
Product Size	Platform	Platform size: 450 x 490mm/Height: 65mm
	Product	Height: 1240mm
Time Accuracy		Within ±1 minute per month (+18–+28°C)

Input Items	Single Measurement	Clothes Weight	0.0–10.0kg (0.1kg increments)
		Serial No.	Maximum 16 digits
		Gender	Female/Male
		Body Type	Standard/Athletic*1
		Age	5–99
		Height	90.0–249.9cm (0.1cm increments)
		Target Body Fat %	4–55% (1% increments)
	Registered User	Clothes Weight	0.0–10.0kg (0.1kg increments)
		User ID	Maximum 16 alphanumeric characters
		Name	Maximum 16 alphanumeric characters
		Date of Birth	After 1900 (dd/mm/yyyy format)
		Gender	Female/Male
		Body Type	Standard/Athletic*1
		Height	90.0–249.9cm (0.1cm increments)
		Target Body Fat %	4–55% (1% increments)
Password	Within 10 digits		

Specifications (continued)

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Other Information

Model Number		MC-980MA-N plus		
Output Items	Serial Number	Maximum 16 alphanumeric characters		
	Name	Maximum 16 alphanumeric characters		
	Gender	Female/Male		
	Body Type	Standard/Athletic*1		
	Age	5–99		
	Height	90.0–249.9cm (0.1cm increments)		
	Clothes Weight	0.0–10.0kg (0.1kg increments)		
	Date and Time	(dd/mm/yyyy hh:mm format)		
	Whole Body Analysis	Weight	2.0–300.0kg (0.1kg increments)	5–99 years old
		Fat %	3.0–75.0% (0.1% increments)	
		Fat Mass	(0.1kg increments)	
		FFM	(0.1kg increments)	
		Muscle Mass	(0.1kg increments)	
		BMI	(0.1 increments)	
		Bone Mass	(0.1kg increments)	
		Muscle Score		18–99 years old
		Protein (estimated)	(0.1kg increments)	5–99 years old
		Metabolic Age	12–90 (1 increments)	18–99 years old
		Basal Metabolic Rate	(1kcal/1kJ increments)	5–99 years old
		BMR Graph		
		Visceral Fat Rating	1–59 (1 increments)	18–99 years old
		Visceral Fat Graph		
		TBW	(0.1kg increments)	5–99 years old
		TBW %	(0.1% increments)	
		ECW	(0.1kg increments)	
	ICW	(0.1kg increments)	18–99 years old	
	ECW/TBW	(0.1% increments)		
	ECW/TBW Graph			
	Segmental Analysis	Muscle Mass	(0.1kg increments)	5–99 years old
		Muscle Mass Rating	-4–+4 (1 increments)	18–99 years old
		Fat %	1.0–75.0% (0.1% increments)	5–99 years old
		Fat Mass	(0.1kg increments)	
		Fat Rating	-4–+4 (1 increments)	18–99 years old
	Body Balance Evaluation	Physique Rating		18–99 years old
Muscle Mass Balance				
Leg Muscle Score				
Body Fat Distribution				
Others	MM/H ²	Whole body muscle mass (kg)/Height (m) ²	5–99 years old	
	MM/BW	Whole body muscle mass (kg)/Body weight (kg)		
	SMI*2	Total muscle mass value of right arm, left arm, right leg and left leg (kg)/Height (m) ²		
	ASM*3/BW	Total muscle mass value of right arm, left arm, right leg and left leg (kg)/Body weight (kg)		
	Bioelectrical Data	Reactance/Resistance/Phase angle		
	Contact Condition			
Result History				

*1 Athletic mode is only available for persons between 18–99 years old.

*2 SMI: Skeletal Muscle Mass Index

*3 ASM: Appendicular Skeletal Muscle Mass

The product design and specifications may be changed at any time without prior notice.

CE 0122
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This product meets the following requirements;

1. Non-Automatic Weighing Instruments (2014/31/EU)
2. Medical Device Directive (93/42/EEC)
3. RoHS Directive (2011/65/EU)

Disposal



This product is an electronic device. Please dispose of this product appropriately, not as general household waste. Be sure to follow the regulations in your area when disposing of this product.

<Manufacturer>

TANITA Corporation

1-14-2 Maeno-cho, Itabashi-ku,
Tokyo 174-8630 Japan
TEL: +81-(0)3-3968-7048
www.tanita.co.jp

<EU Representative>

EU Importer

TANITA Europe B.V.

Hoogoorddreef 56-E, 1101 BE
Amsterdam, the Netherlands
TEL: +31-(0)20-560-2970
FAX: +31-(0)20-560-2988
www.tanita.eu

<UK Representative>

UK Importer

TANITA Europe B.V. Manchester Office

111 Piccadilly, Manchester, M1 2HY, UK
TEL: +44-161-6380926
www.tanita.eu

TANITA Health Equipment H.K. Ltd.

Unit 301-303, Wing On Plaza, 3/F., 62 Mody
Road,
Tsimshatsui East, Kowloon, Hong Kong
TEL: +852-2834-3917
FAX: +852-2838-8667
www.tanita.asia

TANITA (Shanghai) Trading Co., Ltd.

Room 8005, 877 Huai Hai Zhong Lu,
Shanghai,
The People's Republic of China
TEL: +86-21-6474-6803
FAX: +86-21-6474-7901
www.tanita.com.cn

TANITA Corporation of America, Inc.

2625 South Clearbrook Drive,
Arlington Heights, Illinois 60005
U.S.A.
TEL: +1-847-640-9241
FAX: +1-847-640-9261
www.tanita.com