

M179 Sakamoto Baby Touch Vital Signs Simulator



SAKAMOTO MODEL
CORPORATION

User's Manual (151218)

— I N D E X —

●Introduction/Table of Contents	1
●Purpose	2
●Content	3
●Precautions	4
●Usage	5-7
●Storage method	8

! Note

Please open your parcel and check the main unit and accessories of the product immediately upon receipt. If the products are delivered damaged or with parts missing, please contact our company or the distributor.

株式会社坂本モデル



Introduction

Thank you for purchasing our product, “Sakamoto Baby Touch.”

Read this user’s manual carefully in order to use the product for a long time appropriately.

This product is closely checked before factory shipment. However, when this product arrives, open it soon, and check if anything on the main unit and accessories are missing or broken.

Table of contents

Introduction／Table of Contents.....	1
Purpose.....	2
Content.....	3
Precautions concerning handling.....	4
Usage.....	5-7
Storage method.....	8

Purpose

The following practices can be acquired.

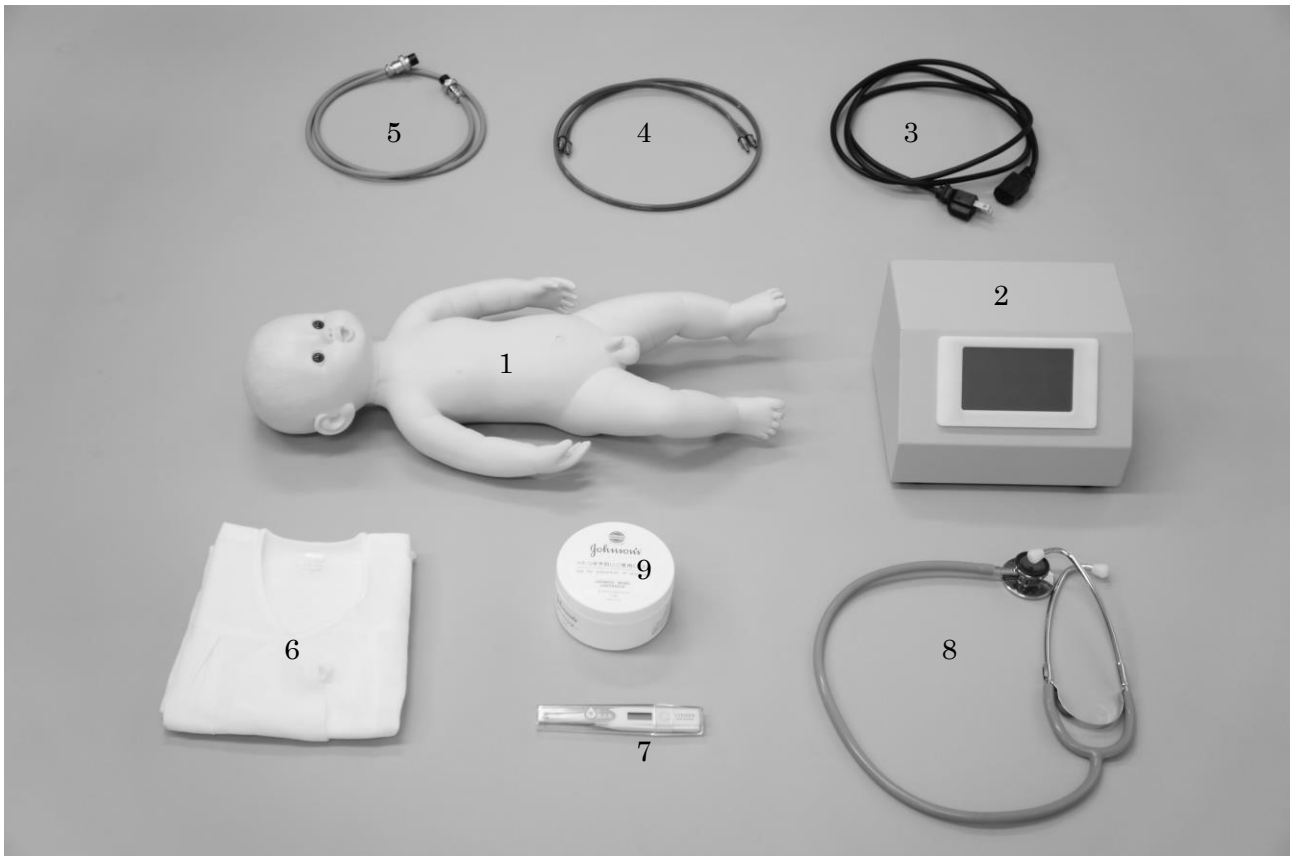
- Confirming the heart sounds
- Confirming respiration by lifting the abdominal area
- Measuring the pulse

(Left and right of radial arteries, left and right of carotid arteries, left and right of superficial temporal arteries, and anterior fontanel.)

- Measuring the body temperature (rectum)
- Check of cryptorchidism (undescended testicle)
(testicle exists in the right side of scrotum, no testicle in the left)

Content

1. Doll
2. Mechanical device
3. Power cable
4. Blue/red cable
5. Grey cable
6. Baby cloth
7. Thermometer
8. Stethoscope
9. Baby powder



Precautions concerning handling

1. Because the doll is made of silicone, avoid storing it in direct sunlight or in locations with a high temperature or humidity, or it may cause deformation or property change.
2. Because the doll is made of silicone, it is likely to get dirty or stained easily. Avoid placing it on a newspaper or other printed materials.
3. The lid attached on the back of the doll is not designed to be opened. Do not try to remove it, or it may cause damage.
4. Avoid using an oil-based paint marker or ink, because they penetrate through the doll's skin and cannot be removed.
5. Adding excessive pressure or dropping the product may cause damage.
6. Avoid pouring water on or soaking (bathing) the doll and mechanical device.
7. Never press too hard or use sharp objects, such as nails or the tip of a ballpoint pen, to control the touch panel, as this may cause damage.
8. The power cable must be unplugged after turning off the power switch, which is placed on the back of the mechanical device.
9. Do not unplug by pulling the cable, as this may cause damage.
10. This product will be automatically turned off after 3 hours of running for safety. When the power is off, please turn the power switch off, and turn the power back on.
11. If anything strange is detected when this model is being used, stop using it and notify the dealer or us as soon as possible.
12. This product is a simulator for users to perform advanced training. Nonetheless, it does not guarantee that a similar effect can be obtained by actual treatment.
13. Note in advance that this product is subject to change without notice to improve it.

Usage

1. Take the main unit out of the hard case, and place it on a non-slip desk surface.
2. If you wish to put the baby clothes on the doll, please do so before connecting the cable.
3. Connect the blue/red cable between the mechanical device and doll.

Make sure that the cable is firmly inserted.

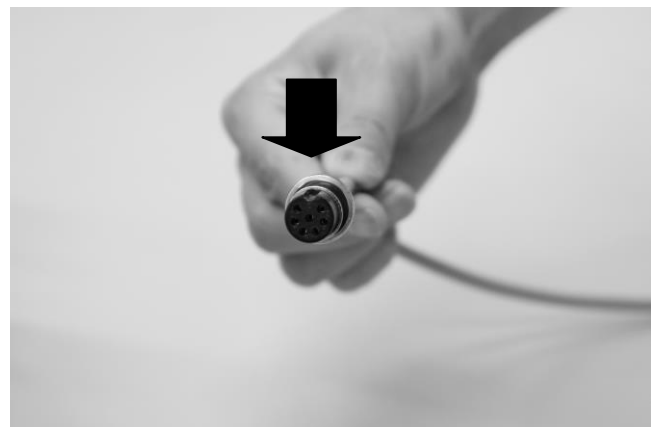
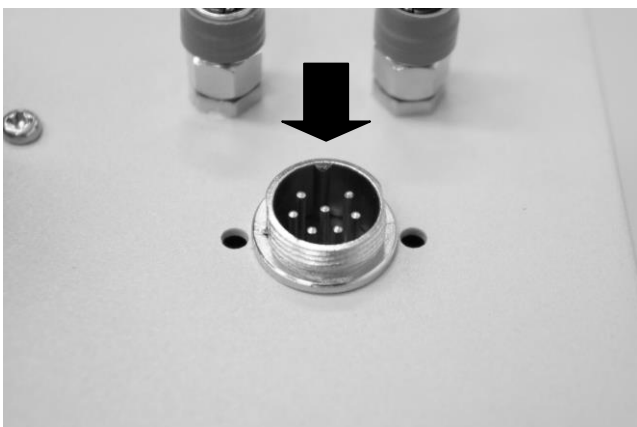
By following the colors indicated on each port, insert both ends of the cable into the corresponding holes.

If you wish to connect the cable while keeping the baby's cloth on, insert the cable from the slit created under the left sleeve.

4. Connect the grey cable between the mechanical device and doll.

Align the notches in the plug, as shown in the pictures below.

If you wish to connect the cable while keeping the baby's cloth on, insert the cable from the slit created under the left sleeve.



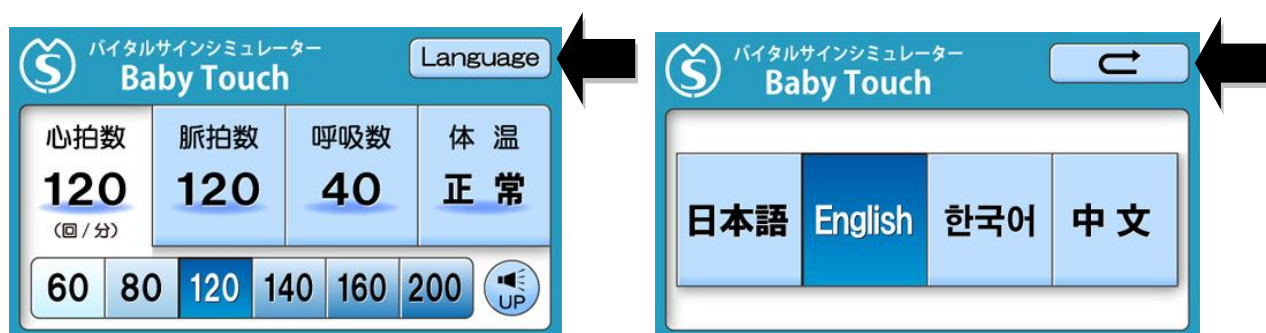
5. Connect the power cable to the back of the mechanical device.
6. Although the first screen shows the heart rate, pulse rate, respiration rate, and body temperature, reset the data on the touch panel display, even if it shows the same values.
7. Plug in the power cable, and turn on the switch located in the back of the mechanical device.
8. You can set the default language to Japanese, English, Korean, and traditional Chinese.

Press the “Language” button to select the language, and press “↶” to return to the previous page.

If you return to the first page, turn the power off and on again.

The language you selected will be stored even if the power has been turned off.

Start practicing after performing procedure “6”.



See the following explanations for each operational procedure.

Heart Rate

The heart rate can be set at 6 levels: “60, 0, 120, 140, 160, and 200”.

You can double the volume by pressing the volume-up button located on the right side of heart rate values.

You can listen to heart sounds with the attached stethoscope by placing it near the heart.

Respiration Rate

The respiration rate can be set at 6 levels: “20, 40, 50, 60, 80 and 100”.

Respiration can be confirmed by lifting the abdominal area.

Pulse rate

The pulse rate can be set at 6 levels: “60, 0, 120, 140, 160, and 200”.

It can be measured by palpating the left and right radial arteries, the left and right carotid arteries, the left and right superficial temporal arteries, and anterior fontanel.

Body temperature

The body temperature can be set at 5 levels: from approximately 32 to 42°C.

It can be measured with the attached thermometer by inserting it into the anus.

Make sure you don't push it too far as this may cause damage.

It takes about 10 minutes for the temperature to fall from “higher” to “lower”.



Check of cryptorchidism (undescended testicle)

It is possible to check cryptorchidism.

Testicle exists in the right side of scrotum, and no testicle is in the left.

Storage method

1. Apply the attached baby powder to the doll before putting it in a storage, if the doll becomes sticky. All cables must be inserted into the doll when applying the powder, as it may enter the connector and cause damage.
2. The power cable must be pulled out after turning off the switch placed on the back of the mechanical device.
3. As shown in the picture below, push the colored part towards the mechanical device to remove the blue/red cable from the connector.

Never try to pull the cable.



4. As shown in the picture below, release the lock to remove the grey cable.

Never try to pull the cable.



5. Avoid storing the product in direct sunlight or in locations with a high temperature or humidity.

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