



Caution

The manikin of this simulator is air inflated. If the manikin is punctured by sharp or pointed objects, the simulator will not be usable. Always handle the components with utmost care.

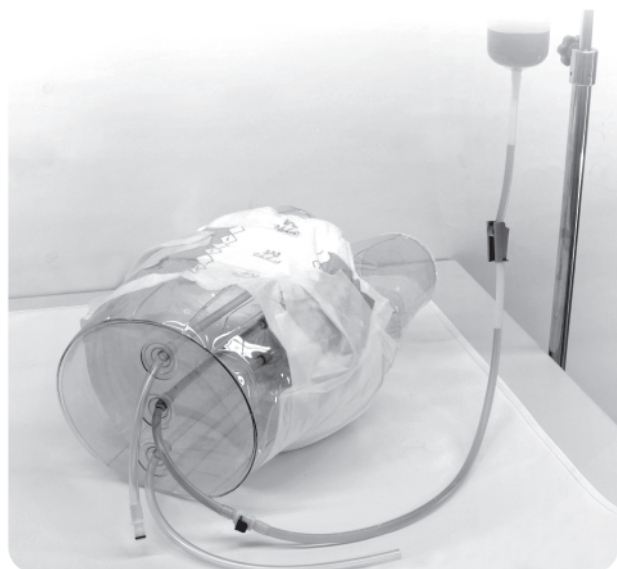
MW23

Adult Diaper Trainer

Instruction Manual

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Introduction

Manufacturer's notes

This MW23 Adult Diaper Trainer is developed for the training of applying and changing techniques of a diaper for adult patients.

Please read the manual carefully before use. Any use for unintended purpose or users, or any use not in accordance with the enclosed instructions, is strongly discouraged. The manufacturer cannot be held responsible for any accident or damage resulting from such use.

● Features

- Landmarks for diaper applying.
- Simulated urine or watery feces are available for training.
- Transparent lower torso allows for direct observation of internal view of the diaper.
- Both male and female patients can be simulated.

● Read before use

This MW23Adult Diaper Trainer is developed for the training of healthcare professionals only. Any other use, or any use not in accordance with the enclosed instructions, is strongly discouraged. The manufacturer cannot be held responsible for any accident or damage resulting from such use.

Please use this product carefully and refrain from subjecting to any unnecessary stress or wear. If you have any questions on this simulator, please feel free to contact our distributor in your area or KYOTO KAGAKU at any time (Our contact address is on the back cover of this manual).

DOs and DON'Ts

● Handle the simulator and the components with care.

The body of this simulator is air inflated. If the body is damaged or punctured by sharp or pointed objects, the simulator will not be usable. To prevent contacts with sharp corner etc., put it on a desk or other flat surface when using. Meanwhile, over inflation will cause damage. do not force the simulator when taking apart. (Kyoto Kagaku will not be responsible for the damages caused by the reasons above).

● Do not let books, newspapers or other printed materials contact with the simulator, as the ink cannot be cleaned off.

● Do not let ink from pens, markers or other sources contact with the simulator, as the ink cannot be cleaned off.

● The simulator's surface may be cleaned with wet cloth if necessary, using mildly soapy water or diluted detergent.

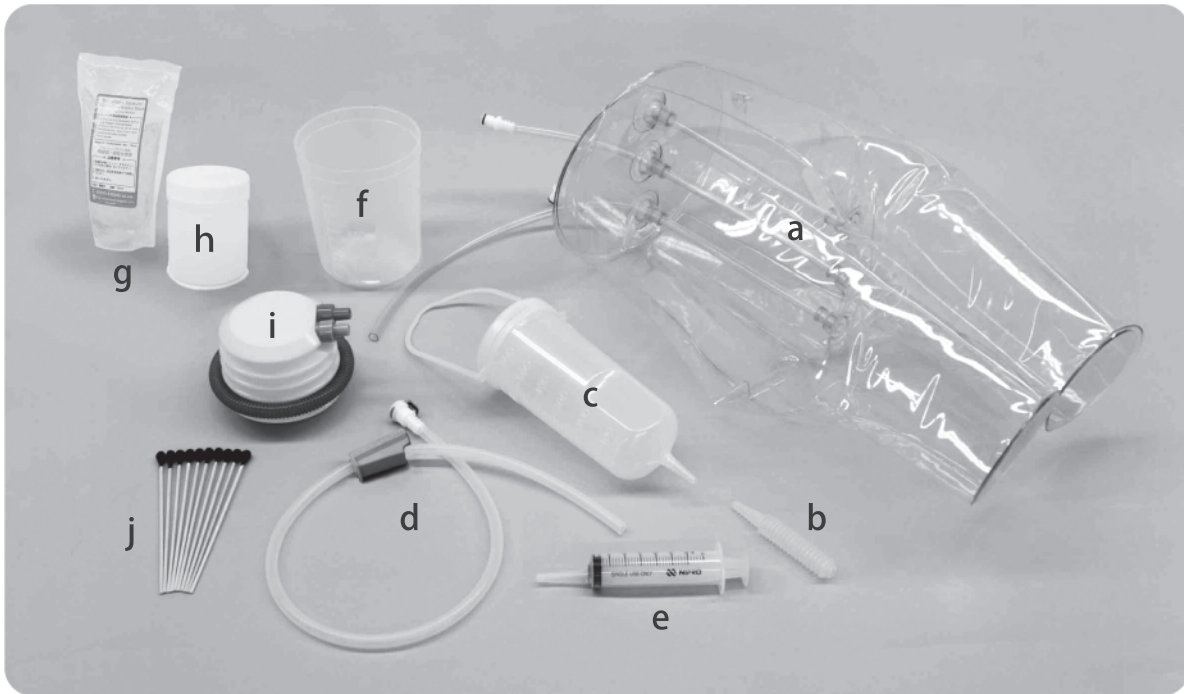
● Store in a dark, cool and dry space will help prevent the surface from coloring and product from deforming.

● Never use organic solvent like paint thinner to clean the surface, as it will damage the simulator.

● Store away from direct sunlight.

Set Includes

Before you start, ensure that all components listed below are ready.



- | | | |
|-------------------------------------|--|--|
| a. Lower torso manikin* 1 | e. Syringe 1 | i. Manual pump 1 |
| b. Male genitalia 1 | f. Beaker 1 | J. Simulated urine (10-swab set) 1 |
| c. Irrigation bag 1 | g. Simulated watery feces (150mL/pack) 1 | Instruction manual |
| d. Connection tube 1 | h. Bottle 1 | |

Repl. Parts

Code NO.	Parts Name
11402-010	Simulated urine (10-swab set)
11229-070	Simulated watery feces (150mL*3 packs)



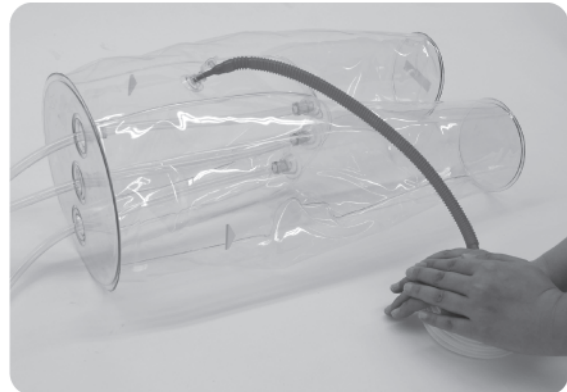
Simulated urine (10-swab set)



Simulated watery feces (150mL*3 packs)

1 Preparing the lower torso manikin

1. Insert the air hose into the air valve at the umbilicus, push the air pump to fill air and then close the air valve. Stop filling air while minor wrinkles remain on its surface. Take care not to over inflate.



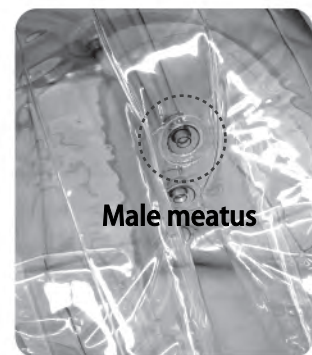
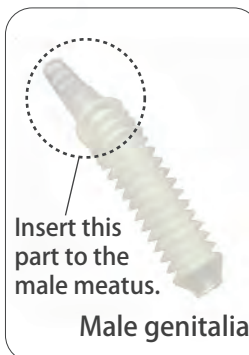
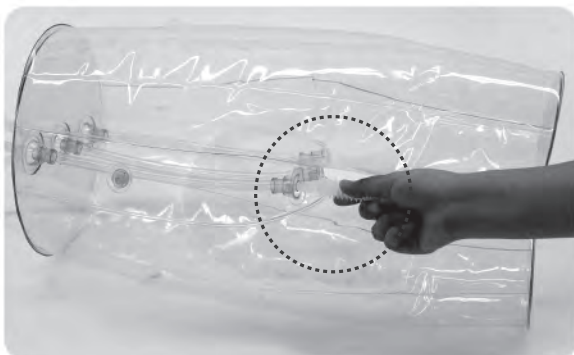
.....
Connect the bellows hose to the BLUE valve on the air pump to fill air and RED to deflate. Put it on a desk or other flat surface when using to avoid sharp corners or objects. If the lower torso manikin is damaged or punctured by sharp or pointed objects, it will not be usable.

2. Close the air valve tightly by inserting stopcock into the body after filling air. Ensure that the thighs are able to separate easily, if not, let out some air.



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Use the air pump provided to fill air. Other air pumps may cause damage.
Over-inflation will cause damage too.

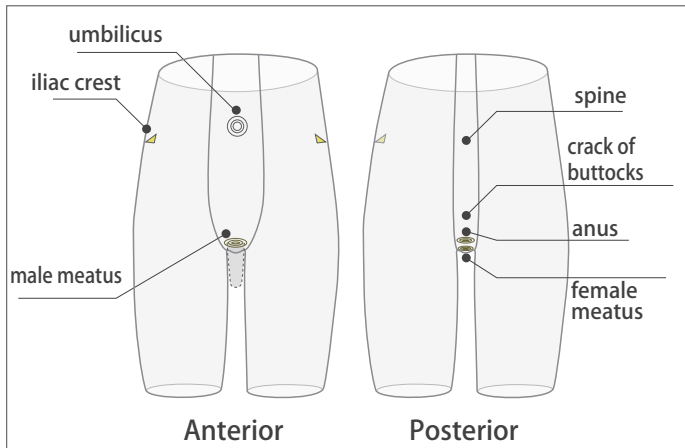
3. To simulate a male patient, insert the provided male genitalia into the male meatus.



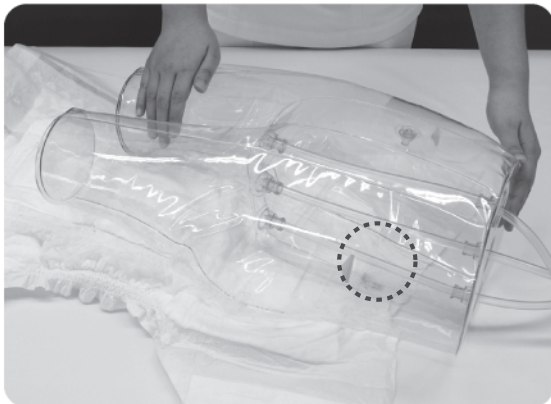
1 Applying diaper

1. When applying a diaper, have someone support the body to ensure that it does not move unintentionally during the practice.

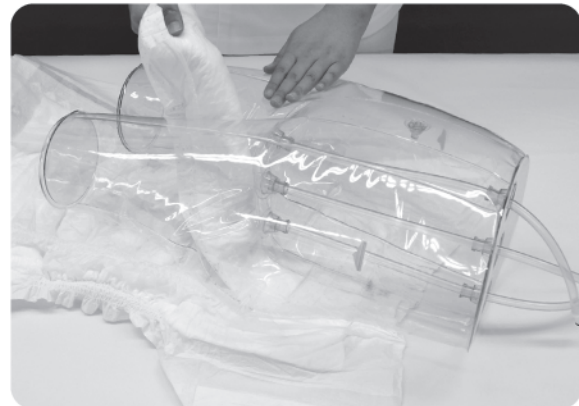
This simulator has landmarks for the proper application of diaper. Training of the procedure for applying the diaper and pad can be improved by training while observing the body parts, facilitate effective improvement of skills.



- ① Fit the center of the diaper to the center of the body (spine).



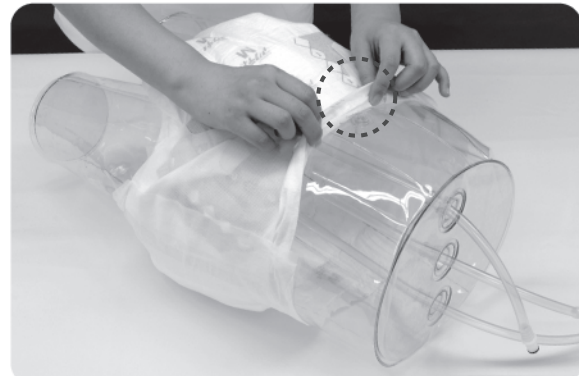
- ② Place the pad along the crack of the buttocks.



- ③ Fasten the upper tape of the diaper at the level of iliac crest.



- ④ Ensure that there is no pressure around the navel area.



※ For demonstration purpose, the photos show the manikin without a supporting assistant to make it easier to understand how to apply the diaper, for training, have someone support the body during the practice.

1 Preparing simulated urine

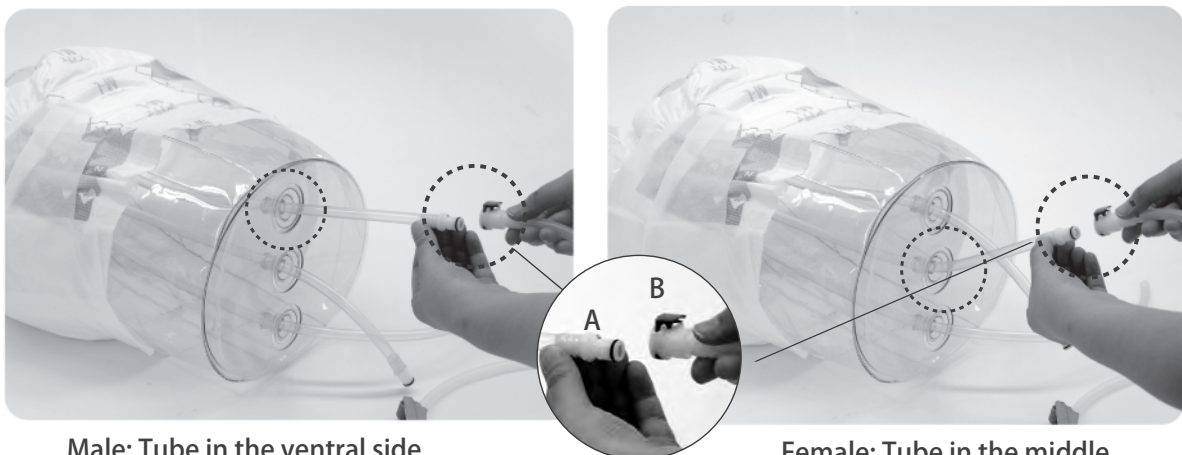
1. Put 1,000 ml of water in the beaker, put one swab of simulated urine in it and stir thoroughly to make simulated urine.



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Caution Take care when handling the simulated urine, as it may stain clothing which is difficult to remove.

2 Flowing simulated urine

1. After applying the diaper, connect the "D. Connection tube (in the components list P.2)" with the tube on the manikin. Insert the connector A into the connector B until it clicks into place.



Male: Tube in the ventral side

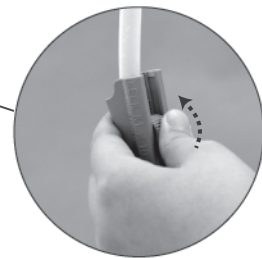
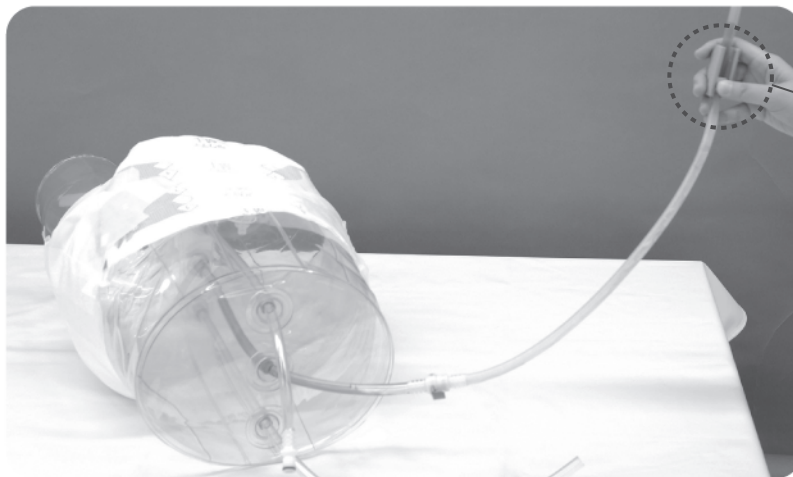
Female: Tube in the middle

2 Flowing simulated urine

2. Connect the connection tube to the irrigation bag and close the roller clamp so that simulated urine is unable to flow. Fill the irrigation bag with simulated urine and hang it on an IV stand. Reserve the remaining simulated urine for refilling during the practice.

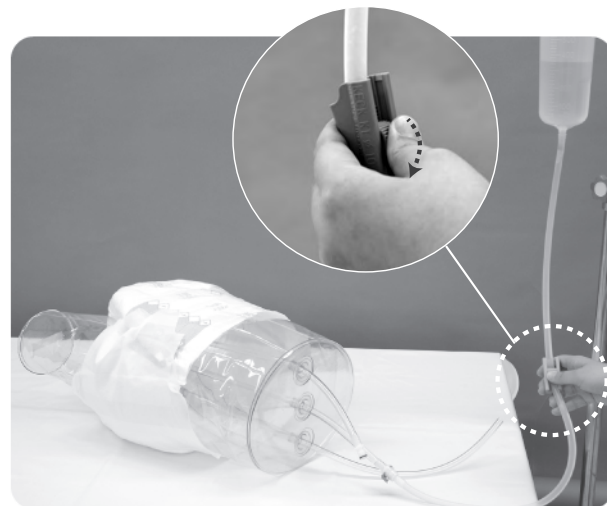


3. Open the roller clamp to let the simulated urine flow through. Adjust the speed of urination by opening the roller clamp. Observation of the spreading of urine into the diaper can help determine whether the diaper has been applied correctly.



[For continued training]

1. Before removing the diaper, close the roller clamp and tilt the body to allow the diaper to absorb any simulated urine remaining in the tube. Then remove the diaper and wipe off any simulated urine on the body.
2. After the simulator has dried, apply the diaper again. If the simulated urine in the irrigation bag runs out, replenish it and carry out the training.



3 Preparing simulated watery feces

1. Opening the package of simulated watery feces.



2. Put simulated watery feces into the bottle.



3. Fill the syringe with simulated watery feces.

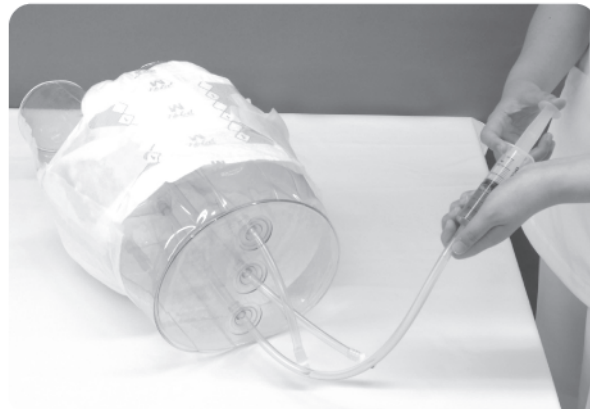


- The viscosity of simulated watery feces may be different due to the characteristics of the material. When the viscosity is too high for training purpose, add a small amount of water and stir well to adjust the viscosity.
- The container should be kept tightly closed after use, as simulated watery feces will dry out if exposed to air for a long time.
- The simulated watery feces are colored, so be careful not to get them on your sheets or clothes as the stain will not be removed.

4 Flowing simulated watery feces

1. Insert the syringe into the tube connected to the anus and inject the simulated watery feces.

Then pull out the syringe and fill it with about 30 mL of air. Insert the syringe into the tube again and push the air in.



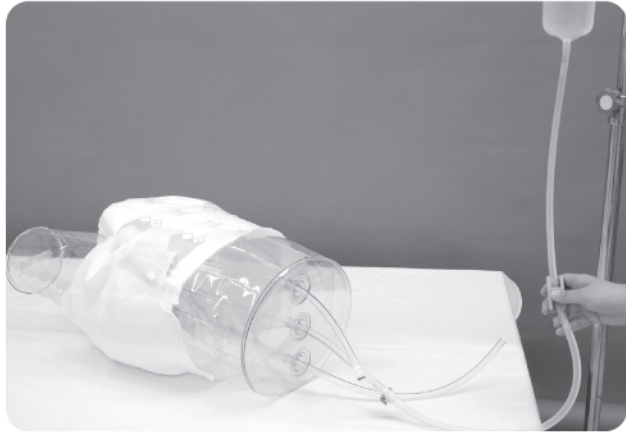
[For continued training]

1. Before removing the diaper, close the roller clamp and tilt the body to allow the diaper to absorb any simulated urine remaining in the tube. Then remove the diaper and wipe off any simulated urine on the body.
2. After the simulator has dried, apply the diaper again. If the simulated urine in the irrigation bag runs out, replenish it and carry out the training.

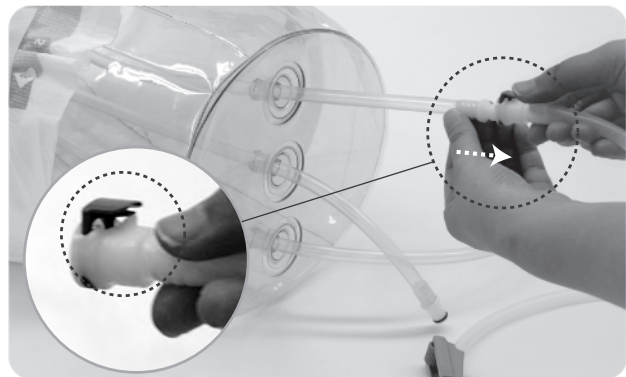
1 After training

[washing away the simulated urine]

1. After training, discard all the simulated urine remaining in the irrigation bag, close the roller clamp, fill the irrigation bag again with 500 mL of water, open the roller clamp and allow the water to flow out.

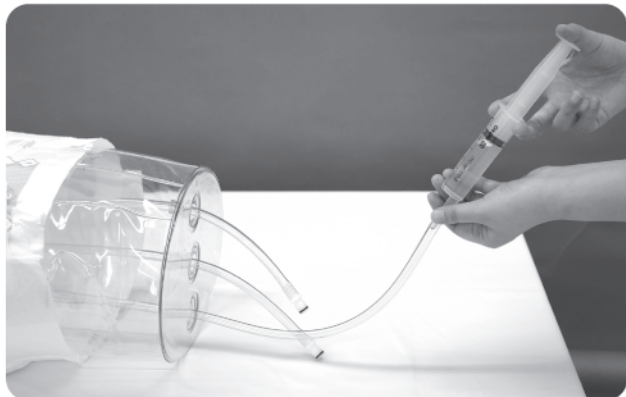


2. After flushing, detach the connection tube from the tube on the body by pressing the protrusion on the connector. Remove the diaper and wipe off simulated urine on the manikin and connection tube. Then air-dry naturally.



[washing away the simulated watery feces]

1. Fill the tube with water using the syringe and flush until the tube gets clean. Wipe off any water on the body thoroughly. Then air-dry naturally.



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Simulated watery feces remaining in the tube after training should be washed out as soon as possible, as it will dry out and become difficult to wash out if left in the tube for a long time.

The tubes may turn white if stored for a long time with water remain in it, but will return to normal once the water is drained and dried.

1 After training

[Storage]

After training, be sure to drain and dry the water and then store the simulator in cool place and keep away from sunlight. Follow the listed procedure to store in a box.

1. Deflate all air in the body and fold both thighs.



2. Place the accessories in a foam cushioning bag and place it in a cardboard box.



3. Place the manikin on the top and wrap paper around the manikin to prevent the abdomen and both thighs from sticking together. Store the tube with a divider to prevent it from over-bending or breaking.



- Storing the simulator in a hot and humid place out of the box may cause deformation and damage.
- Storing the simulator in an air-filled state may cause damage.
- Storing the simulator over-deflated may result in the tube collapsing.

**Caution**

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For inquiries and service, please contact your distributor or KYOTO KAGAKU CO., LTD.

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