

AUTOMATIC URINATION DEVICE

Technology brings you convenience, reduces your nurse burden and improves your recovery circumstance!

User Manual



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Thank You for Your Choice!

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Product Introduction

URINATION DEVICE is the brand which specializes in automatic urination devices including wearable type and handheld type. The company which has over 5 years of business experience in retailing and producing urination devices is located in Malaysia. We are devoted to producing useful and safe devices for people who have difficulties in urinating normally or independently. The working principle of our devices is by the way of vacuum negative pressure to suck away urine liquid. All raw materials of parts close to skin we pick are high-quality, safe and comfortable for long-term use.

Product Components

1. Wearable Urination Device (Female model & Male model)



Figure 1

1-1 Wearable underwear

1-2 Urine collection cup (Male)

1-3 Drainage tube

1-4 Urine collection bottle

2. Handheld Urination Device



Figure 2

2-1 Urine collection cup

2-2 Drainage tube

2-3 Urine collection bottle

Component Details

1. Underwear



Figure 3 Female

- ①Space for holding the urine collection cup
- ②Pure-cotton underwear
- ③Buckles for waistbelt
- ④Buckles for fixing back straps
- ⑤Waist belt
- ⑥Fixing back straps

⑦Holes for buckles

⑧Buckles for fixing the female urine collection cup

2. Urine Collection Cup

Wearable type



Figure 4 Male



Figure 5 Female

①Spill-proof soft edge (Male)

②Breathable holes (Female)

③Hole for inserting the metal urine sensor probe

④Super hydrophobic coating (Inner)

Handheld type



Figure 6

①Handle

②Hole for inserting the metal urine sensor probe

Note: The inner wall of three types of urine collection cup are all covered by super hydrophobic coating.

3. Drainage Tube

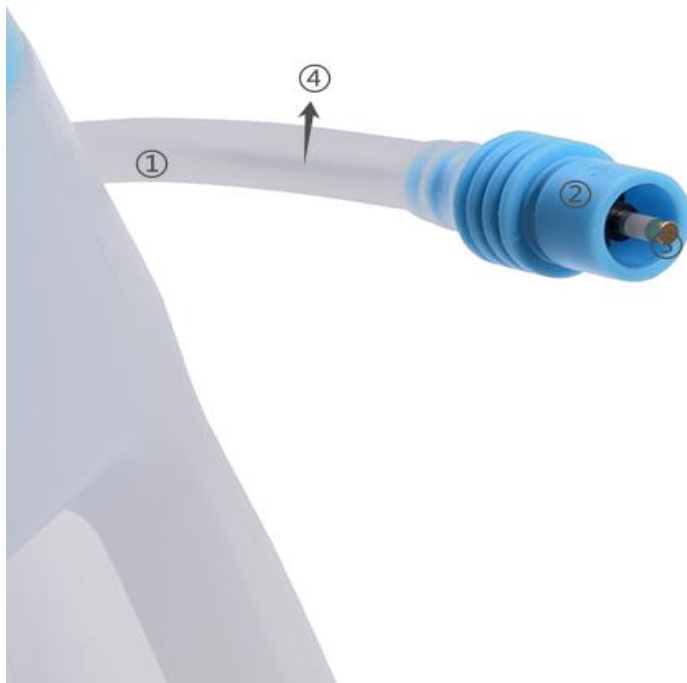


Figure 7

- ① Drainage tube
- ② Quick connector
- ③ Metal urine sensor probe
- ④ Sensor cable

4. The User Interface & Host



Figure 8

- ①USB interface
- ②Grooves (to open the lid)
- ③Power switch ON/OFF
- ④Manual working/cleaning switch START
- ⑤Display screen(to show used times and remained battery power)

5. Urine Collection Bottle



Figure 9

①Handle

②Urine collection bottle

Note: When covering the lid of the bottle, please rotate the lid until the lid is covered tightly if you find the lid is not close to the edge of the bottle. (airflow generates in the bottle when the lid is pressed into the inside of the bottle, which triggers the lid is a little bit difficult to cover)

Specifications

| | |
|---|--|
| Suction Response Time | ≤ 0.5 s |
| Device Host | Micro Negative Pressure Pump |
| Power | Maximum Power: 5.92 W Rated Power: 2.44 W |
| Suction Rate | 1.5 L / Min |
| Working Volume | ≤ 60 dB |
| Battery Capacity | 2600 mAh |
| Urine Collection Cup Material | Medical-grade Silicone |
| Underwear Material | 100% Cotton |
| Waist Belt Length | 140 CM (In non-stretched state) |
| Back Leg Belt Length | 40 CM |
| Drainage Tube Length | 160 CM |
| Drainage Tube Material | Food-grade Rubber |
| Urine Collection Bottle Capacity | 2000 CC (ML) |
| Urine Collection Bottle Material | PP |
| Ambient Temperature | 0 °C – 40 °C |
| Warranty | 12 Months |

Applicable Posture

Female

- ✓ Supine
- ✓ Semi-supine
- ✓ Leg bending
- ✓ Side-lying
- ✗ Sitting / Wheelchair
- ✗ Prone

Male

- ✓ Supine
- ✓ Semi-supine
- ✓ Leg bending
- ✓ Side-lying
- ✓ Sitting / Wheelchair
- ✗ Prone

Operation Guide

1. Wearable Urination Device

Step 1. Fixing the urine collection cup on the underwear, keeping the hole for the quick connector at below.

Step 2. Inserting tightly the metal urine sensor probe into the hole at the bottom of the urine collection cup.

Step 3. Wearing the underwear. Firstly adjusting the urine collection cup to the right position at user's crotch, secondly adjusting the waistbelt to a comfortable and suitable position and tie the buckles, lastly wrapping the two elastic straps at the bottom of the underwear from between the legs to the hips, and then buckle them to the two buttons on the front second row of the underwear.

Step 4. Keeping pressing on the power switch ON/OFF for 2-3s to turn

on the device. After turning on it, ensure the lid is tight and closed. Then the device will automatically wick away urine once the probe senses any urine liquid. (Please note that the devices only automatically run when the probe senses urine liquid)

2. Handheld Urination Device

Step 1. Inserting tightly the metal urine sensor probe into the hole at the bottom of the urine collection cup.

Step 3. Ensuring the lid is closed and tight, and keeping pressing on the power switch ON/OFF for 2-3s to turn on the device.

Step 4. When the user needs to urinate, put the urine collection cup in the right position and start to urinate. When the probe senses urine liquid, the device will automatically wick away the urine. After using, it is better to rinse the inside of the cup with clean water.

Cleaning Guide

1. Daily Clean

1.1 Clean the Underwear

Step 1. Scribbling a little bit of detergent on the area smeared by stains. And then soak the underwear in warm water with an appropriate amount of detergent for 10 minutes.

Step 2. Kneading gently the underwear. For stubborn stains, applying more force will be fine. Please note that do not use any brush to brush the cloth, otherwise it will be easy to pill.

Step 3. After the first washing, rinse twice with clean running water. Wring it out and air dry.

Warm Tips

- Please try to clean the underwear by hand. It may shorten its use life if washed in a washing machine very often.
- For hygiene, we recommend that underwear should be washed every day on hot days and every two days on cold days.

1.2 Clean the Urine Collection Cup

Step 1. Removing the urine collection cup from the underwear, rinsing it in running water until the urine stains on the inner wall is none.

Step 2. Brushing the inside and outside of the collection cup with a soft-bristled brush. Keep rinsing when brushing.

Step 3. After rinsing and brushing, dry the cup by air or clean issue.

Warm Tips

- The cup is better to be cleaned once everyday.
- Some folding areas are easy to hide, like stains, try to brush these areas cautiously.
- When brushing, it is better to brush the cup along with its shape.

1.3 Clean the Drainage Tube

Step 1. Preparing a small bucket filled with clean water. Ensuring the lid of the urine collection cup is tight.

Step 2. Putting the metal sensor probe in the clean water. And then press the START button once, the probe will absorb the clean water through the tube and eventually into the urine collection bottle.

Step 3. The exterior of the tube can be washed directly in running water. After the tube is clean, wipe the outside of the tube with a towel or issue. And clear out the water in the urine collection bottle.

Warm Tips

- The tube is better to be cleaned once every two days so as to avoid later stubborn stains.

- Please note that the tube's tip connecting with the lid is non-detachable.
- Please try not to strongly fold or bend the tube so as to avoid the inner wire being broken.

1.4 Cleaning the Urine Collection Bottle

Step 1. Filling the bottle with appropriate water with an amount of detergent, waiting for 5 minutes.

Step 2. Wearing a rubber glove, brushing the inside of the bottle with one long-handle brush until there is no urine residue.

Step 3. Rinsing the inside and outside of the bottle completely. And then reversely put the bottle in a ventilating place to air dry.

Warm Tips

- The bottle is better to be cleared out everyday and washed once every three days.
- The lid of the urine collection bottle has no need to rinse completely. Just wipe it with a humid issue with alcohol. Please keep water away from the power interface on the lid and the location where the drainage tube is connected.
- The inner closing to the handle is easy to hide stains, please pay more attention to the area when brushing.

2. Deep Clean

Disinfecting the Probe

Disinfecting the metal probe with light salt water for 3 minutes once a week. On other days, wiping the probe with alcohol issues is fine.

Disinfecting the Drainage Tube

Filling a container with clean light salt water, and putting the probe into the clean water, press START once, and the device will work once. This setting allows clean water to flow through the pipe to achieve the effect of cleaning the tube.

Disinfecting the Urine Collection Cup

Deeply clean 1-2 times a week. Fill the urine collection cup with light salt water and let it soaked for 10 minutes. Then use a brush to scrub the inside. After cleaning, place it in the sun to dry.

Warm Tips

There is a risk of damaging the probe if the density of salt water is too high. Therefore, the amount of salt should be appropriate as per the amount of water you prepare.

Attention Tips

About using

1. Please read the manual instructions carefully before using.
2. Use with caution if you are allergic to silicone materials
3. If symptoms of skin allergy occur, please stop using it immediately.
4. When using this product in the initial stage, please practice more and use it with caution depending on your own situation.
5. During using the device, please ensure the urine collection bottle is put flatly so that there is no risk of urine leakage.
6. People with dementia should use the device with more caution or under the care of nursing staff.
7. Please check the health condition of the private figures and related parts before use. Use with caution if there are any adverse conditions.
8. Be careful not to bend or block the drainage tube when using it.
9. If skin allergies or redness or swelling occur after wearing it, please stop using it immediately.
10. The device belongs to a private and hygienic item, please do not share the device with others to avoid cross infection.
11. During wearing, please strictly follow the posture required in the instructions.
12. When the product is not used for a long time, it needs to be charged

regularly (once every 30 days), otherwise battery loss will affect the battery life.

13. Please do not place the urine collection bottle in the context below 0 °C when there is liquid in it.
14. This device does not support other uses.
15. Please process the battery according to local law rules when the device needs to be discarded.
16. Please try to place a pad below the user's buttock so as to avoid that the bedding is wetted because of wrong operation.
17. Please observe the skin around the user's crotch every four hours and immediately stop using if there is any adverse effect and uncomfortable feeling.
18. Please clean the skin around the user's crotch every 12 hours so as to ensure the comfort of using the wearable urination device.
19. The green lightening icon will lighten when the left battery power is below 10%, at this time Please charge the device immediately.

About cleaning

1. In order to prevent the generation of odor or the breeding of bacteria, special attention must be paid to cleanliness and hygiene. Please fully clean, disinfect and dry all accessories as per cleaning guide after use.
2. During cleaning the lid of the urine collection bottle, please avoid

water flows into the USB power interface and the drainage tube interface.

3. During disinfecting the mental sensor probe, please do not use salt water or disinfectant with high density.
4. Please clean the whole device more frequently if the users have diabetes because their urine is prone to erode the metal sensor probe and left urine scale.