

# AUTOMATIC URINATION DEVICE

## User Manual



Female Urination Device



Male Urination Device



Portable Urination Device

Bring You Convenience,  
Reduce Your Nurse Burden,  
Improve Your Recovery Circumstance!

# CONTENT

## Thank You for Your Choice!

<b>Preface.....</b>	<b>1</b>
<b>Product Components.....</b>	<b>1</b>
1. Wearable Urination Device (Female section & Male section).....	1
2. Portable Urination Device.....	3
<b>Component Details.....</b>	<b>4</b>
1. Underwear .....	4
2. Urine Collection Cup .....	5
Wearable type.....	5
Handheld type.....	6
3. Drainage Tube.....	7
4. The Host and User Interface.....	8
5. Urine Collection Bottle.....	9
<b>Specifications.....</b>	<b>10</b>
<b>Use Posture.....</b>	<b>11</b>
<b>Operation Guide.....</b>	<b>11</b>
1. Wearable Urination Device.....	11

2. Portable Urination Device.....	12
<b>Cleaning Guide.....</b>	<b>13</b>
1. Daily Clean.....	13
1.1 Clean the Underwear.....	13
1.2 Clean the Urine Collection Cup.....	13
1.3 Clean the Drainage Tube.....	14
1.4 Clean the Urine Collection Bottle.....	14
2. Deep Clean.....	15
Disinfecting the Probe.....	15
Disinfecting the Drainage Tube.....	15
Disinfecting the Urine Collection Cup.....	15
<b>Attention Tips.....</b>	<b>16</b>
About using.....	16
About cleaning.....	17

## Preface

URINATION DEVICE has five years of experience in the manufacturing and retailing of urination devices in the United States. We specialize in developing both automatic wearable and handheld urination devices for adult males and females who get urinary incontinence or paralyzed and those people who are in a urination emergency but can not find the restroom. We are dedicated to providing safe, effective, and cost-efficient solutions to users all across the world. All materials designed to come into contact with the skin are chosen to be safe, comfortable, and high-quality.

We sincerely expect that our urination devices are helpful for everyone who chooses us. Please read this manual first after you receive your device and this may help you better handle your device.

## Product Components

### 1. Wearable Urination Device (Female section & Male section)



Figure 1 Female Urination Device



Figure 2 Male Urination Device

**Take male urination device as an device diagram example**



Figure 3 Male Urination Device Diagram

1-1 Wearable underwear

1-2 Urine collection cup (Male)

1-3 Drainage tube

1-4 The lid (the host)

1-5 Urine collection bottle

## 2. Portable Urination Device



Figure 4 Portable Urination Device

2-1 Urine collection cup

2-2 Drainage tube

2-3 The lid (the host)

2-4 Urine collection bottle

## Component Details

### 1. Underwear



Figure 5 Female Underwear



Figure 6 Male Underwear



Figure 7 Female Underwear Diagram

- ①Space for the urine collection cup
- ②Pure-cotton underwear
- ③Buckles for waistbelt
- ④Buckles for back leg strap
- ⑤Waist belt
- ⑥Leg strap
- ⑦Hole for buckles
- ⑧Buckle for fixing the female urine collection cup

## 2. Urine Collection Cup

### Wearable type



Figure 8 Male Urine Collection Cup



Figure 9 Female Urine Collection Cup

- ①Spill-proof soft edge (Male)
- ②Breathable holes (Female)
- ③Groove for the metal urine sensor probe
- ④Super hydrophobic coating (Inner)



## Handheld type



Figure 10 Handheld Urine Collection Cup

- ①Handle
- ②Hole for the metal urine sensor probe

### **Note:**

1. The inner wall of three types of urine collection cup are all covered by super hydrophobic coating.
2. The spill-proof soft edge of the male urine collection cup should be folded inwards before the cup is worn on.

### 3. Drainage Tube

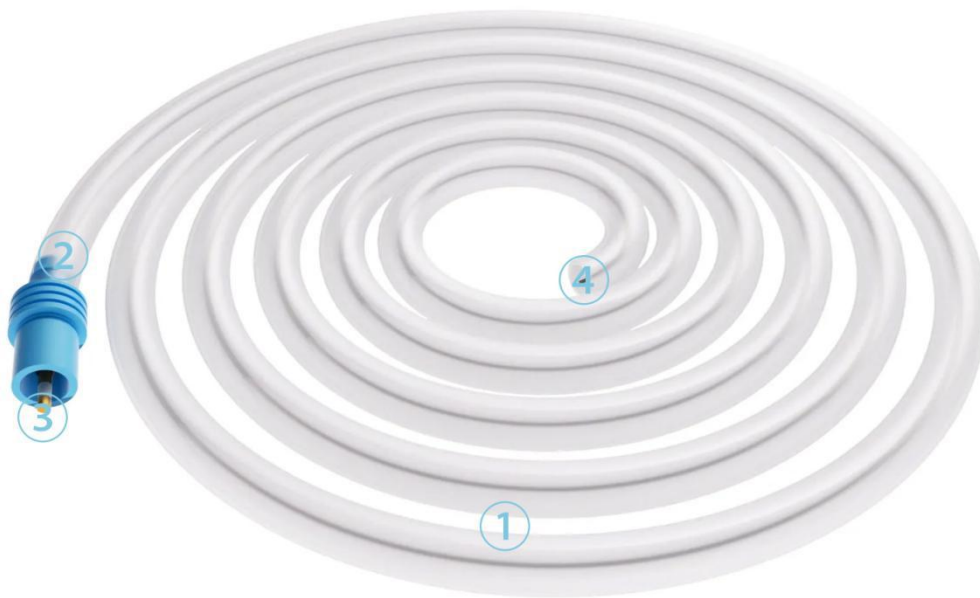


Figure 11 Drainage Tube

- ① Drainage tube
- ② Quick connector
- ③ Metal urine sensor probe
- ④ Urine sensor wire

#### 4. The Host and User Interface



Figure 12 The Host and User Interface

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

## 5. Urine Collection Bottle



Figure 13 Urine Collection Bottle

- 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

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

## Use Posture

### Female

- ✓ Supine
- ✓ Semi-supine
- ✓ Leg bending
- ✓ 30 ° Side-lying
- ✗ Sitting / Wheelchair
- ✗ Prone

### Male

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

**P.S.** There is no posture limitation for portable urination device.

## Operation Guide

### 1. Wearable Urination Device

**Step 1.** Open the box, remove the whole device, wash and dry the underwear.

**Step 2.** Wash and dry the urine collection cup with room-temperature water.

**Step 3.** The urine collection cup should go through the hole in the front of the underwear before putting on the underwear. The front side of the urine collection cup is the side with a clear groove for the metal sensor probe. The groove should point down.

For male urine collection cup, make sure the spill-proof edge is folded inwards firstly. For female urine collection cup, Let the urine collection cup get through the hole of underwear and then press four buckles on the four angles of the urine collection cup.

**Step 4.** Put on the underwear, confirm the front side is the side with buckles on. Firstly adjust the right position of the urine collection cup between the two legs.

**Step 5.** Once the urine collection cup is in right position, tie the waistbelt through the row of five buckles. All holes on the waistbelt are able to be tied on the first row of five buckles as per the user's waist circumstance. Two straps at the bottom of the underwear should go between the legs and hips, then respectively attach to the two buttons in the second row at the front of the underwear. The over-long strap can be tied continually to the first row of buckles.

**Step 6.** After putting the underwear on, Insert the metal sensor probe into the groove at the bottom of the urine collection cup. It should be nice and tight to avoid leaking.

**Step 7.** Press and hold ON/OFF for 2-3 seconds to turn the device on.

**Step 8.** When the urine sensor probe detects urine liquid, the pump will start sucking urine away after just 0.5 seconds. The device continues pumping for six seconds to ensure nothing is left in the tube even if there is no urine collected in the urine collection cup.

**Note:**

- The end of the drainage tube connected with the lid is undetachable in actual device.
- The device only automatically works when the urine sensor probe detects the urine once the device is turned on.

## **2. Portable 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, then press and hold 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 between the crotch 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.** Scrub a small amount of detergent on any stains and soak the underwear in warm water with more detergent for 5-10 minutes.

**Step 2.** Gently hand-washing the underwear should get rid of most minor stains, but you can apply more force for stubborn stains. Do not use any brushes on the underwear, or else you risk damaging the fabric.

**Step 3.** After washing, rinse the underwear with clean running water twice, wring it out, and leave it to air dry.

#### Warm Tips

- Do not put the underwear in the washing machine. Do not put the underwear in a tumble dryer.
- For hygiene, we recommend that underwear should be washed every day. (We provide two pairs of underwear for every user to have clean changed at any time)

### 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 urine collection cup with a soft-bristled brush. Keep rinsing when brushing.

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

#### 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 and hold the START button, 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.

#### **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 Clean the Urine Collection Bottle**

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

**Step 2.** With a rubber glove and a long-handle brush, brush the inside of the bottle to get rid of urine stains. Remember to check the inside of the handle for hidden stains.

**Step 3.** Rinse the bottle inside and out, then leave to air dry in a ventilated area.

### Warm Tips

- We recommend rinsing it every day and washing it every three days.
- You don't need to rinse the lid of the bottle, just wipe it with a tissue and alcohol.
- Please keep water away from the power interface stored inside the lid.
- Please keep water away from where the drainage tube connects to the bottle.
- 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

We recommend disinfecting the metal probe once a week by using light salt water or 75% alcohol for five minutes. On the days in between, use alcohol tissues to wipe it down.

### Disinfecting the Drainage Tube

Fill a container with light salt water and put the probe into the water, then press START. The device will pump the salt water through the pipe to clean it.

### Disinfecting the Urine Collection Cup

Deeply clean 1-2 times a week. Fill the urine collection bottle with light salt water and leave it to soak for 10 minutes before scrubbing inside with a brush – then leave it 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 instructions before use.
2. Proceed with caution if you are allergic to silicone.
3. Stop using the urination device immediately if you have an allergic reaction.
4. We recommend practicing with the device before first use.
5. Please keep the urine collection bottle flat and secure to avoid leaking.
6. Users with dementia should use with caution or under the care of caregivers.
7. Please check the health and hygiene of private parts before use. Monitor for any negative reactions to the materials / product.
8. Try not to bend or block the drainage tube.
9. Stop using the device immediately if you notice redness or swelling.
10. Please do not share the device among multiple users for hygiene and safety reasons.
11. Please follow the posture advice in the user manual while wearing the device.
12. Even when the device is not in use, it should be charged once every 30 days to keep the battery healthy.
13. Do not store the urine collection bottle in conditions below 0 degrees Celsius when liquid is inside.
14. This device is only suitable for use as advertised – no other use cases.
15. When the device needs to be discarded, please follow local laws as per battery disposal.
16. We recommend placing a pad below the user in case of leaking as a result of mistakes during the initial use.

17. Keep an eye on the skin around the crotch area every four hours and stop if there are signs of any discomfort.
18. Clean the skin around the crotch once every 12 hours to promote health and hygiene.
19. A green lightning icon will glow when the battery is below 10% and the device needs charging.

### **About cleaning**

1. Please follow our cleaning guidelines to reduce the risk of odor, bacteria, and general poor hygiene.
2. Please keep water away from the USB power interface in the lid of the bottle.
3. Please do not use salt water or disinfectant with high density on the metal sensor probe.
4. If the user has diabetes, the device should be cleaned even more regularly because diabetic urine can corrode the metal sensor probe at a faster rate.

**Sincerely May You or Your Loved One Get Well Soon!**

**More contents please browse: [URINATIONDEVICE.COM](http://URINATIONDEVICE.COM)**

**Email: [hi@urinationdevice.com](mailto:hi@urinationdevice.com)**