

PAROOS

Portable Urine Detector



**Check urine in the diaper
without stress to diaper wearers.**

CE FCC RoHS

Why do I need to use Portable Urine Detector?

According to an international study published recently, diaper wearers experience a significant amount of stress when their diapers are checked.



[Source] Journal Article : Early human development · April 2014, p169–p172
Does skin-to-skin contact reduce stress during diaper change in preterm infants?
[1st authors : Lene Tandlie Lyngstad, Department of Pediatrics, NICU, Drammen Hospital, Norway, Vestre Viken Hospital Trust, Norway]

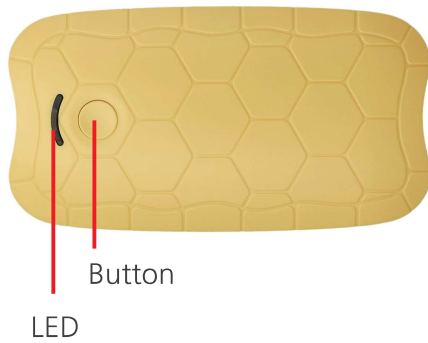
Now, Use PAROOS

Using portable urine detector PAROOS, you can check urine in the diaper without taking off clothes so it does not cause any stress to diaper wearers.

PAROOS Advantages

- Quickly and simply, you can check diaper with the clothes on.
- You don't have to worry about electromagnetic waves.
- You can frequently check whether there's urine in the diaper.
- Diaper wearers can ensure a good night's sleep.
- Based on the wet area, it tells you if the diaper is wet enough and needs changing.

Introduction



Keep the sensor away from hands or other substances

- If the LED light is green, the diaper is dry.
- If the LED light is red, the diaper is wet.
- Check the urine output based on the wet area.

Product model

Use the right product depending on the thickness of the clothes.

| Model(Color) | Thickness of the clothes |
|---------------|---------------------------------------------------------------------|
| P-100(Yellow) | The product works on clothes that are 4mm (0.16 inch) thick or less |
| P-200(Red) | Thickness of the clothes 5-10mm (0.2~0.4 inch) |



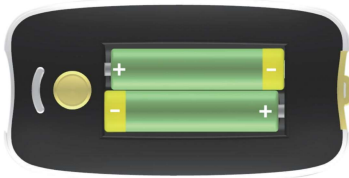
P-100



P-200

Replacing batteries

Batteries last over 18 months when the product is used 24 times a day



Specification

- Product name : Portable Urine Detector
- Product size : L90 x W50 x H20mm
- Material : ABS(Body), PC (LED window)
- Weight : about 49g [Included AAA Battery]
- Power : DC 3.0V (1.5V Battery 2pcs)

Patent registration

Patent obtained in Korea, Europe, Japan and China.

- Korea 10-1672460
- Europe 3266431
- Japan 6764423
- China ZL201680025447.1

Certificated

CE FCC RoHS Our products have been certified to meet product safety, health, consumer protection and environmental standards in the US and Europe.

Packaging image



Product Positioning

- Our Brand Name : PAROOS
- Main Function : Checking the wetness of the diapers or pads without taking off clothes.
- Target Market : For Babies, the Elderly (Senior), Patients, etc.
 - Home, Baby care centers, Senior care centers, Nursing homes, Hospitals, etc.
- Who need : Mom, Caregivers, Nurses, etc.
- Patented by Dtron Co., Ltd.
- Country of Origin : Republic of South Korea
- Introduction Video:
 - General : <https://youtu.be/R-krXXJGDaw>
 - Baby with Eng subtitle : <https://youtu.be/ZX8ryPjDJNw>
 - Baby on TV with Eng subtitle : <https://youtu.be/iXf46Pm4Z2E>

If it is necessary, we may have a video conference for explaining our products and answering your questions and so on.

Should you have any questions on our product or our company, or need any test samples, please feel free to contact us at your convenience.

Exporting country

Japan(Exclusive), Greece, Poland, Czech Republic, Sweden, Taiwan, etc.



We are a company that pursues a healthy life !

- 01. Healthy life is our No.1 value
- 02. Pleasant living environment
- 03. Contribution to environment, welfare and humanity

Our company(DTRON Co., Ltd.) was established in 2000, and the head office is currently located in Songdo International City, Incheon.

Our company has developed, manufactured, and sold portable urine detectors for diaper wearers such as babies, seniors and patients.

We believe that our portable urine detector would be useful & helpful to your company and customers. We are looking for distribution partners in different countries to expand market in Europe, America, Asia and so on.

History

- 2022 Japan Makuake project successful.
- 2021 Launch of PAROOS, a Urine Detector in the Greece
- 2020 Launch of PAROOS, a Urine Detector in the Poland
- 2019 CE, CE-RoHS, FCC certified : Urine Detector [P-100, P-200]
- 2018 Launch of PAROOS, a Urine Detector in Overseas(Start of Sales in Japan, Germany and Sweden)
- 2017 Trademark Registration in china(19333024)
- 2016 Portable Urine Detection Device's PCT Application
- 2013 Developed Wearable RFID 900MHz Reader and Module Developed Wearable Antenna
- 2012 Developed Wearable Sensor Tag
- 2010 Business Relocation (RFID/USN Center under NIPA)
- 2009 Venture Company Certification(Technology evaluation high-scored company by KIBO).
- 2000 Established DTron Co., Ltd
(A Partner Company to Samsung Electronics in Wafer & Chip Business)

Contact Us

Please send your inquiries by email.

We will try to respond to you as quickly as possible.

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