

The world's most
user friendly bottle.

1. Nocturiglow urinal bottle

Having physical challenges such as mobility impairments is already difficult enough without having to go through all the accompanying problems and physiological side effects that make life so much more demanding.

The need to urinate during the night happens to be a critical issue for 30% of the world's population. It is also known as Nocturia, *the condition that can affect one in five younger adults as well as one-third of older people*¹. We want to provide a solution for these problems.

Nocturiglow is a simple yet highly functional urinal bottle. Our innovative design combined with phosphorescent glowing components transforms the old bottle into a modern and aesthetically pleasing medical aid. It can be used in home and healthcare environments and by people from every facet of life – from patients with reduced mobility, nocturia patients and seniors to professional drivers, campers and gamers.

Thank you for purchasing Nocturiglow! We hope it will make your days and nights more carefree.

Your Tao Tech team

¹ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3602727/>

Tao Tech LLC is a company dedicated to producing innovative solutions for improved life quality.

2. Features



Phosphorescent parts

The tightly fixed ergonomic handle and cap will glow all night long!



Glowing screw-on cap

Forget wet bed sheets and bad odours.



Ergonomic non-slip grip

The hollow handle technology is super lightweight and ensures no accumulation of bacteria.



Unisex

A funnel add-on ensures comfortable and hygienic use for women.



Medical grade material

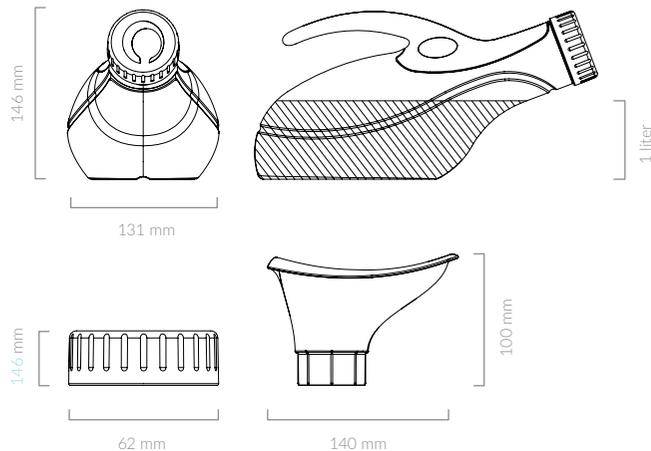
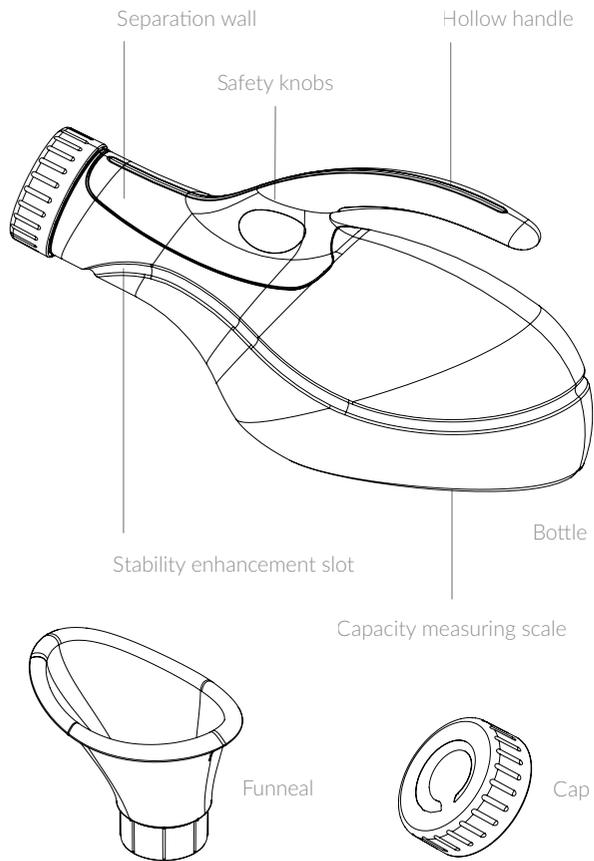
Made from long lasting HDPE and sturdy ABS. Easy to sterilise.



Capacity of 1 l

More than enough to enjoy a carefree night. A scale with two fluid units is integrated at the bottom.

3. Specification



BOTTLE DIMENSIONS

Width 131 mm
 Length 300 mm
 Height 146 mm
 Mouth width 58 mm

WEIGHT

Empty bottle 242 g
 Full bottle (1l) 1242 g
 Cap 16 g
 Funnel 42 g

FUNEL DIMENSIONS

Width 140 mm
 Length 90 mm

CAPACITY

1 liter

4.1. Use

Please cleanse your product before first use. After using it, screw the cap back on to prevent liquid from spilling and odours from leaking out. Do not use the bottle after reaching its full 1L capacity. Your Nocturiglow will glow all night long if exposed to any form of light during the day. The brighter the source of light is, the greater the intensity of the glow will be. The phosphorescent elements will self-charge with photons when exposed to light. Afterwards, they will emit the absorbed energy throughout the night. Female users simply need to place the funnel into the bottleneck. The funnel is deep enough which ensures no dripping over the edge of the neck.

Nocturiglow's Handle Integration Technology is the secret behind its functionality and design. The handle is manufactured as a separate part and each part has singlehandedly been assembled by our staff. The ergonomic design is universal and adjustable to every user. This ensures a firm and stable grip with no slipping.

The handle is made from a specific type of polypropylene – ABS, an environmentally friendly and non-toxic material with very good tensile strength, rigidity and heat resistance properties. The handle is designed to be hollow on the inside, which makes it super easy to carry! Since the handle is attached to the bottle separately, it cannot attract bacteria and other particles which normally accumulate over time.

The Nocturiglow urinal bottle has an integrated scale positioned on the flat surface of the bottle's "belly" to measure liquid output capacity in two metric units. It shows the international unit in millilitres and the imperial unit of measurement in ounces. Easily

check the volume of your urine output by flipping the bottle upright (cap showing up) to properly read the scale.

4.2. Maintenance and cleansing

We recommend emptying the bottle within 24 hours of using it in order to ensure no bacteria or coloured accumulation form inside the bottle. Regular maintenance and the adequate removal of various forms of microorganisms will enable you to safely use your product in the long term. These processes can be performed in different ways:

4.2.1. Boiling

Rinse the bottle using warm water and dishwashing liquid. Bring the water to a boil in a bigger pan, then put Nocturiglow in the boiling water and leave for 10 minutes on medium heat. After the water has cooled, take your product out and let it dry completely on a towel or drying rack.



4.2.2. Dry sterilization or autoclave

Steam sterilization or heating in an autoclave is the standard procedure in most laboratories and hospitals. Nocturiglow is autoclave suitable and can be sterilized for 2 hours at 140°C.



4.2.3. Disinfection

Disinfectant granules or liquids for surfaces and instruments can be used for general sanitation and disinfection. The relevant procedure is described on the



disinfection product which you can acquire in any specialized store.

4.3. Warning

The handle is tightly fixed to the bottle body which ensures no separation of the parts. Any attempt to separate the handle from the bottle or to dismantle the safety pins from the handle may result in permanent damage.

4.4. Material properties

Nocturiglow is made from different high-quality plastic materials, all of which reliably contribute to the product's robustness and final finish. The Nocturiglow bottle itself is made from HDPE (high density polyethylene) which has very good chemical resistance and is therefore highly beneficial for Nocturiglow's main purpose - to safely contain urine. This material becomes brittle at -70°C and starts softening at 127°C .

Nocturiglow is a long-lasting urinal bottle, composed of robust materials which do not break easily nor are they prone to cracking. The overall material properties are subject to a 3-year guarantee.

Cap – PP | Bottle & funnel – HDPE | Glowing ridge – TPE
Handle & safety pins – ABS

4.5. Recycling

Nocturiglow can be recycled using a standard plastic recycling process. We strongly encourage you to take part in the global efforts to reduce plastic waste and to separate your old plastic material into designated plastic recycling bins.

All information and news about our products can be found on our website and social networks.



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