

Mesh Nebulizer

User manual

Brief Introduction

This device utilizes state-of-the-art microporous ultrasonic atomizing mesh technology that sprays liquid medication into aerosol/vapor form and delivers it directly to the patient for inhalation. Both adult and pediatric patients suffer from asthma, Chronic Obstructive Pulmonary Disease (COPD) such as emphysema and chronic bronchitis, or other respiratory diseases that are characterized by obstruction to air flow or/and patients who are on and off ventilation or other positive pressure breathing assistance.

Warning

*Pure soluble liquid only. Please don't use purified water, oil, milk, or thick liquid. The atomization volume varies with the concentration of the liquid.

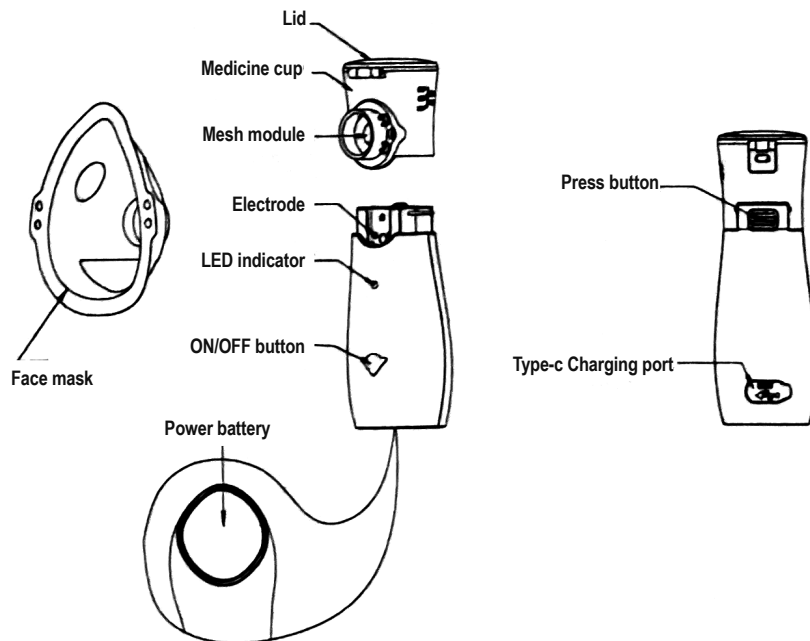
*Clean the mesh plate after each use to avoid blockage. Note: Do not touch the mesh with your hand, brushes or any hard objects.

*Do not rinse or immerse the nebulizer in any liquid. Any liquid spilled on or inside the nebulizer should be allowed to dry before operating.

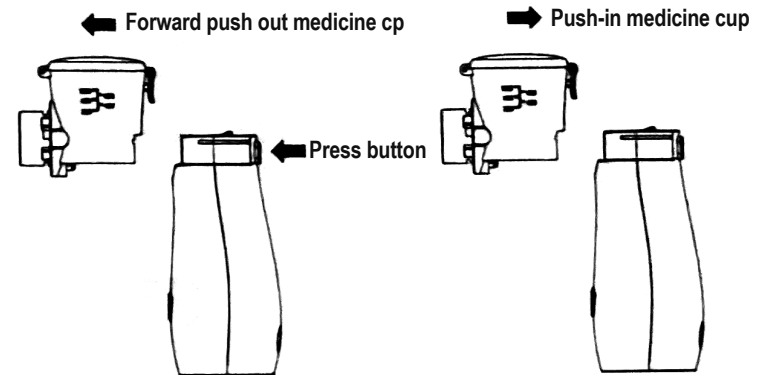
*Do not place the nebulizer on heated surface.

*Do not turn on the nebulizer when the medicine container has no liquid.

Description of device and accessories.



How to open the medicine Cup Module



Function:

1. Three atomization modes: strong, medium and weak. Choose the modes by press the on/off button.
2. LED light indicator. The light turns yellow when the atomizer is charging; it turns blue when it completes charging and is ready to atomize; it turns green and red alternately when it is automatic cleaning.
3. Automatic cleaning. Press the on/off button for 5 seconds to start automatic cleaning.
4. 20 minutes timed shutdown.
5. Built-in lithium battery.

Usage

Preparing the Nebulizer

For reasons of hygiene, it is imperative that the nebulizer and accessories are cleaned and disinfected after every use.

If the therapy requires that various different medicines be inhaled in succession, ensure that the medicine cup module is rinsed after every use.

Using the nebulizer

1. Open the medicine container, and fill the medicine container with an isotonic saline solution or medicine. Do not overfill. The maximum recommended fill amount is 10ml. Then close the medicine container lid.
2. Attach other parts like the mouthpiece and mask to the nebulizer based on your need.
3. Use mouthpiece: place the device to your month and close your lips firmly around the mouthpiece.
4. Use mask: place it over your nose and mouth.
5. Press on the ON/OFF button to choose your favorite working mode. For example, 5ml medicine

will take about 15 minutes by the strong working mode, about 20 minutes by medium working mode and about 30 minutes by the weak mode.

6.Start the device using the ON/OFF button.

7. The spray mist coming from the device and the illuminated blue light shows that the device is working perfectly.

8.Press the ON/OFF button again if nebulizer turn off automatically after using 20 minutes.

Charging

1. It is rechargeable via USB cable..

2. When plugged in, the yellow light will keep on, it turn green after the device is full charged.

3.The device can be used for about 80 minutes after full charged.

Cleaning and maintenance

1.Accessories: remove the mouthpiece and any accessories from the nebulizer, disinfected them by medical alcohol wipe or soak.

2. Nebulizer: add 6ml of clean water to the medicine container and switch on the device to start "automatic cleaning",removing any medicine residue from the mesh plate.

3. Clean the machine with soft, dry and clean towel.

4. Put the mesh plate cover back to the device after full cleaning, store all parts in a dry and cool place.

5. Recharge the device every two month to ensure longer battery life.

Problem Question	Possible Cause/Remedy
The nebulizer produces little or no aerosol	1.Insufficient medicine in the Nebulizer. 2. The nebulizer is not held in an upright position. 3. The medicine used is unsuitable for spraying (e.g. too thick, viscosity must be less than 3) 4. The indoor temperature is too low. Fill in 3-6 ml hot water (above 80°),then nebulize it completely, do not inhale this spray.
Output is too low	1.Power shortage. Recharge it or replace the battery 2. There are air bubbles inside the medicine container which are preventing the medicine from coming into continuous contact with the mesh plate. Please check and remove any air bubbles. 3.Particles on the mesh are impeding output. To remove the particles, fill the nebulizer with 2 to 3 drops of vinegar and 3 to 6 ml of water, then nebulize this solution completely. Do not inhale this spray and ensure that you clean and disinfect the medicine container afterwards. 4.Mesh plate is worn out.

Some inhalation solution remains in the nebulizer	This is normal and occurs for technical reasons. Stop inhaling as soon as you can hear a difference sound from nebulizer, or when the device switches off automatically due to insufficient inhalant.
What special steps should be take for babies or children?	1.For baby, the mask should cover the mouth and nose to guarantee effective inhalation. 2.For children, the mask should also cover the mouth and nose. Note: Children should only use the device with help and under supervision of an adult. Never leave a child alone with the nebulizer.
Does each user need their own accessories?	This is absolutely necessary for hygiene reasons.
The liquid is correct but could not atomize when the machine can be turned on.	When pouring liquid, air is mixed and bubbles form to block the atomization mouth. Please shake it vigorously or pat it with your hands to discharge bubbles, then turn on the machine again.

Device and accessories:

1x USB mini nebulizer

1x USB cable

2xFace masks (for kid and adult)

1x mouthpieces

1x User manual

Technical specifications

Mains connection: 100-240V,50-60Hz,0.15A

Input: 5V/1A

Atomized particles:≤5μm

Medication flow rate: approx. 0.2ml/min.

Noise:≤50dB(A)

Volume: max.10ml

Product weight:100g+5%(not including accessories)

Size:118mm(height),39.5 mm (diameter)

Housing material: ABS

Operating conditions: Temperature:+5°C ~+40°C

Relative humidity: 15%~ 93%

Storage and transport conditions: temperature:-10°C~+45°C