

User Manual

Take A Breath™

Portable Handheld Mesh Nebulizer

Item # BJ240700




BLUE JAY™
An Elite Healthcare Brand

MD

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- Thank you for purchasing the **TAKE A BREATH™ Portable Handheld Mesh Nebulizer**.
- Read this manual carefully before using the nebulizer.
- Keep this manual in a convenient location for quick and easy reference should you need it.
- Illustrations contained in this user manual are schematic.

1. Important Safety Notes

- ▲ Before use, ensure that there is no visible damage to the device or accessories. In case of any doubt, do not use the device and contact your retailer.
- ▲ Do not use health products or medications containing essential oils for nebulization.
- ▲ You should always follow the instructions of your doctor regarding the type of medication to use, the dosage, and the frequency and duration of inhalation. Only use medication prescribed or recommended by your doctor or pharmacist.
- ▲ The use of this product by children and persons with special needs must be carried out under the guidance and supervision of an adult.
- ▲ This unit is specifically meant to be used for nebulization. Do not use this device for any other purpose.
- ▲ Clean and disinfect the medication cup and accessories before and after each use.
- ▲ Stop using the device if the main unit is damaged or exposed to water.
- ▲ Keep the device away from your eyes when it is in use, as the nebulized medication could be harmful.
- ▲ Keep packaging material away from children (risk of suffocation).
- ▲ Do not use any additional parts that are not recommended by the manufacturer.
- ▲ If any serious incident has occurred in relation to this device, please report to the manufacturer and/or to the appropriate member of your local authority.

2. Product Description

1. Product Name: **TAKE A BREATH™ Portable Handheld Mesh Nebulizer**

2. Model Number: **BJ240700**

3. Working Principle and Mechanism

A piezo element vibrates the mesh in the nebulizer. The piezo element is mounted in close proximity to the mesh and the vibration is conducted through a thin fluid layer to the mesh. This vibration creates an alternating pressure behind the mesh which forces liquid through the holes. A column of liquid is extruded from the front of the mesh and as the pressure cycle reverses, the end of the column separates as a liquid droplet generating the aerosol and nominally 100% of the aerosol produced by the mesh is respirable. Nebulizers allow prescribed medications to reach the lungs, where they're absorbed and can quickly alleviate symptoms.

4. Applicable Scope and Intended User

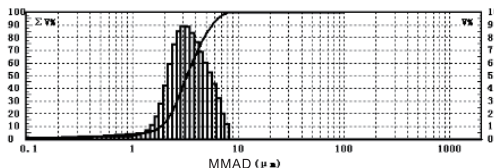
This device is a mesh nebulizer designed to aerosolize liquid medication for inhalation therapy in a professional healthcare environment or in a home healthcare environment. Suitable for use by pediatric and adult patients. The use of this product by children and persons with special needs should be carried out under the supervision of an adult.

5. Specification

Power Supply	DC 3.7V (Li-ion Battery) or DC 5V 1A IEC 60601-1 approved AC adapter
Nebulization Rate	0.15ml/min~0.90ml/min
Particle Size	MMAD < 5µm

Power Consumption	< 4.0 W
Working Frequency	130kHz \pm 10%
Medication Cup Capacity	6 ml
Noise	\leq 50dB
Product Dimensions/Weight	2.4" Long x 1.6" Wide x 4" High / 3.3 oz
Working Environment	Temperature: 41°F to 104°F (5°C to 40°C) Humidity: 30% to 85% R.H. Non Condensing State Atmospheric Pressure: 86.0-106.0 kPa
Storage/Delivery Environment	Temperature: -4°F to 131°F (-20°C to 55°C) Humidity: 30% to 85% R.H. Non Condensing State Atmospheric Pressure: 70.0-106.0 kPa

The median particle size in this nebulizer is measured with 0.9% physiological saline under conditions of a temperature of 25°C and a humidity of 59% R.H. And the equivalent particle size distribution of the fog particles measured under these conditions is as follows:

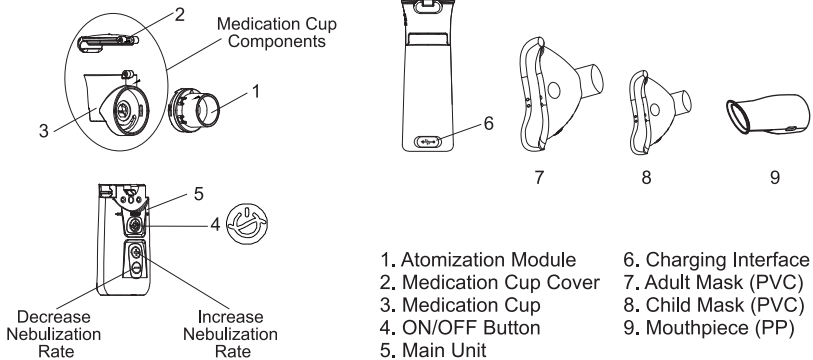


- ▲ Note: The horizontal axis is the particle size value, the value is logarithmic distribution. The left vertical axis is the cumulative percentage of the volume, corresponding to the rising trend of the curve. The right vertical axis is the volume percentage of a certain interval, which corresponds to the histogram or fluctuation curve.

6. Product Composition

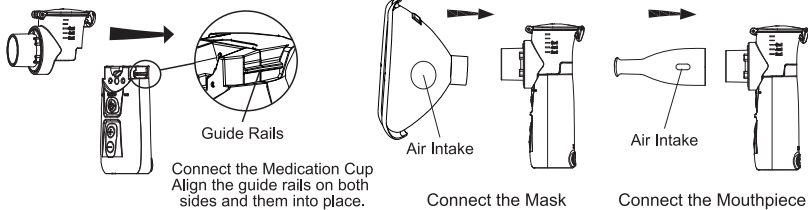
The **TAKE A BREATH™ Portable Handheld Mesh Nebulizer** is made up of the main unit, medication cup and atomization module.

7. Product Contents



3. Installation Instructions

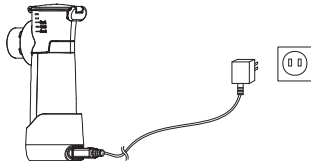
1. Remove the unit and accessories from the packaging.
2. Install the assembled medication cup onto the main unit as shown in the following diagram.
3. Install the mask or mouthpiece as shown in the following diagram.



▲ Note: Clean, disinfect and dry all parts before installation.

4. Power Supply

- 1) The nebulizer comes with a USB cable and a IEC 60601-1 approved AC adapter (output: DC 5.0V 1.0A) for charging.
- 2) The power system of this device is equipped with one rechargeable lithium battery.
- 3) When the power is running low, charge the device with the included USB cable and power adapter.



▲ Note: Before charging, make sure the electrical outlet is the proper voltage.

▲ Note: Charge this device independently. Do not charge it with other electronic devices at the same electrical outlet at the same time.

4) Battery Charging

- a. When fully charged, the battery can supply power for up to 60 minutes of continuous use.

- b. When low battery level is detected, a blue indicator light will flash 5 times.
- c. Charge the battery for about 2 hours for a full charge using the included USB cable and an IEC 60601-1 approved AC adapter (output: DC 5.0V 1.0A).
- d. A blue indicator light flashes when charging. A steady blue light indicates the device is fully charged.

▲ Note

- 1) Do not disassemble the nebulizer, the battery has been pre-loaded.
- 2) Rechargeable batteries should only be replaced by manufacturer, not the end user.
- 3) Alkaline, lithium-ion or other batteries can not be used with this device.
- 4) Please charge the nebulizer at least 30 minutes before using for the first time.
- 5) In order to preserve the battery life for as long as possible, fully charge the battery at least once a month.

▲ Warning

- Dispose the used batteries according to the local environmental regulation. Do not dispose with regular household trash to avoid environmental pollution.
- Do not dismantle or repair the equipment or components. Do not dismantle or replace the battery.
- If your skin or eyes come into contact with fluid from a rechargeable battery cell, flush out the affected areas with water and seek medical assistance.
- Choking hazard! Small children may swallow and choke on batteries. Store batteries out of the reach of small children.
- Risk of explosion! Never throw batteries into a fire.
- Do not disassemble, split or crush the batteries.
- Only use chargers as specified in the instructions for use.
- Batteries must be charged correctly prior to use. The instructions from the manufacturer and the specifications regarding correct charging given in these instructions must be observed at all times.

4. Use Instructions

1. Indicator Light Description

Steady green light (uniform nebulization mode)	Working
Flashing green light (micro-wave mode)	
Green light flashes 3 times	Press and hold power button for 3 seconds to switch the atomization mode
Blue light flashes 5 times	Battery low, shut down
Orange light flashes 10 times	Not enough liquid and shut down
Blue light flashes	Charging
Steady blue light	Fully charged
Green light flashes 10 times	10 minutes set time

2. Prepare: Clean and disinfect components before using.

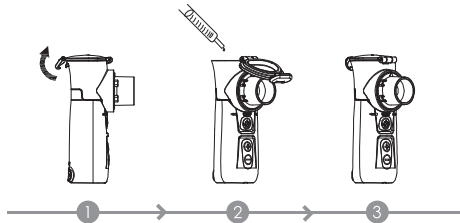
3. Add medication: Open the medication cup lid and add liquid medication. Close lid.

Note

Add liquid medication before turning on the device.

Note

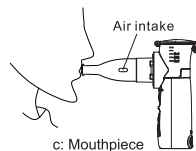
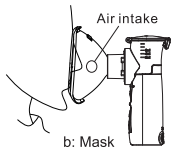
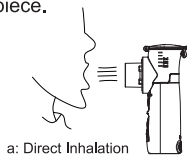
The orange light will flash 10 times if there is not enough liquid in the medication cup. Add correct amount of liquid medication.



⚠ Note: Leakage prevention - when pouring medication into the medication cup, ensure that you do not fill it above the maximum mark (6ml). The recommended filling quantity is between 2 and 6 ml. Nebulization only occurs while the medication is to be nebulized is in contact with the mesh. If there is no medication in contact with the mesh, nebulization stops automatically. Be sure to hold the device as vertical as possible to keep the medication in contact with the mesh during use.

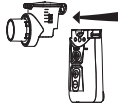
4. Nebulization

- 1) Connect mask or mouthpiece, press power button (⏻) to turn on, start nebulization.
- 2) The nebulizer starts with a medium spray rate. The spray rate can be adjusted by pressing “+” or “-” as needed.
- 3) This device has a micro-wave mode in which the spray rate is changed automatically from max to mini rate or converse in 6 second intervals. To switch to uniform nebulization mode, press and hold the power button (⏻) for 3 seconds until the green light flashes 3 times.
- 4) Before atomization, shake the liquid medication gently to make sure it fully comes into contact with the mesh membrane.
- 5) Slowly take a deep breath and breathe in the aerosolized medication. Depending on the individual’s needs, this can be done through direct inhalation, the mask or the mouthpiece.



- 6) The nebulizer will shut down automatically after 10 minutes. If you need to continue treatment, press the power button (⏻). Make sure there is enough liquid in the medication cup.

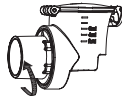
7) After nebulization, press the power button (⏻) to turn off the nebulizer. Pour out any remaining liquid in the medication cup - do not reuse the leftover medication. Disassemble the medication cup and the atomization module as shown in the following diagrams.



a. Remove the liquid cup horizontally



b. Pour out the liquid



c. Rotate the atomization module counterclockwise



d. Remove the atomization module

8) Clean and disinfect the nebulizer components as outlined in section 5 of this manual.

▲ Note:

- 1) Be sure to hold the device as vertical as possible to keep the liquid medication in contact with the mesh. Do not lean back while using the nebulizer.
- 2) Consult with your doctor about medication dosage and treatment time. Remain quiet and relaxed during treatment.
- 3) Liquid will be coagulated around the spray assembly and mesh disc, which will affect the nebulization effect after nebulization. Stop nebulization, remove the mouthpiece and other accessories. Then use a clean medical gauze to wipe the residue. Do not touch the mesh disc center spray area to prevent damage to the mesh disc.
- 4) Essential oils, cough syrups, gargling solutions and drops to be used as a rub or in a steam bath are wholly unsuitable for inhalation using a nebulizer. These additives are often viscous and can impair the correct functioning of the device and therefore the effectiveness of the application in the long term.

5. Cleaning and Disinfection Method

After each use, it is necessary to clean and disinfect the medication cup and lid, atomization module, mask and mouthpiece. The specific methods of cleaning and disinfection are recommended as follows:

1. Cleaning

Power off the nebulizer before cleaning. Do not charge the nebulizer while cleaning.

- 1) Remove the components from the main unit: the medication cup and lid, atomization module, mask and mouthpiece. Soak all the components in clean water (below 104°F) for about 5 minutes.
- 2) After cleaning, thoroughly dry all the components with clean, sterile medical gauze.
- 3) Wipe the outer casing of the main unit if necessary with a damp sterile medical gauze. After cleaning, thoroughly dry the main unit.

▲ Notes

- The main unit can not be washed with water to prevent water from entering the main unit.
- Use clean sterile gauze to wipe off water on the main unit and components and keep them dry to ensure safe use next time.
- The masks must not be placed in hot water!

2. Disinfection

After each use, it is necessary to disinfect the medication cup and lid, spray assembly, mask or mouthpiece as follows:

- 1) Disinfection with hydrogen peroxide
Disinfect all the components by placing them in 2% hydrogen peroxide for 10 minutes. Wipe the medication cup and lid, spray assembly, mask or mouthpiece.
After disinfection, rinse all the parts with clean water, then wipe with clean and sterile medical gauze or air-dry naturally to keep all parts dry.
 - a. Study the user guidance of hydrogen peroxide and do not immerse in solution for a long time.

b. Do not use strong oxidizing agents such as perchlorate or disinfectants that are corrosive to metals, polymer compounds or polymers.

2) Ethanol disinfection

Place the medication cup and lid, spray assembly, mask or mouthpiece in 75% medical ethanol for 10 minutes for disinfection. Wipe the medication cup and lid, spray assembly, mask or mouthpiece. After disinfection, rinse all the parts with clean water, then wipe with clean and sterile medical gauze or air dry naturally to keep all parts dry.

▲ Notes:

- Disinfectants remaining on components need to be wiped with sterile medical gauze to ensure safe use next time. Do not touch the central area of the mesh diaphragm when washing or cleaning the spray connector, so as to avoid damaging the mesh diaphragm.

3. Drying

- Dry the parts carefully using a soft cloth.
- Shake the spray assembly gently from side to side (5-10 times) so that the water inside the mesh is removed from the tiny holes.
- Place the individual parts on a clean, dry absorbent surface and leave them to dry completely (at least 4 hours).

▲ Notes:

- Please ensure that the parts are completely dry after cleaning, otherwise the risk of bacterial growth is increased. Put the parts together again if they are completely dry and place the parts in a dry, sealed container. Ensure that the spray assembly is completely dried off by the shaking. Otherwise, the nebulization may not work after reassembling the device. If this is the case, shake the spray assembly again so that the water can escape. The nebulizer should then work as normal.

4. Store the nebulizer and all components in a clean, dry place to avoid contamination.

6. Storage and Maintenance

1. Nebulizer Storage

1) Storage conditions:

- a. Environment temperature: $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$;
- b. Relative humidity: 30% to 85% R.H. Non-condensing state
- c. Atmospheric: 70 kPa~106.0 kPa;
- d. Others: Non-corrosive gas, good ventilation, avoid high temperature, humidity and direct sunlight.

2)Storage instructions:

- a.The device is valid for 5 years in the above mentioned storage condition.
- b.The nebulizer should be promptly cleaned and disinfected after use, the medication cup and other accessories should store into the packing box after completely drying. Stored in the required environmental condition, avoiding impact.

2. Nebulizer Maintenance

1)Normal working conditions

- a.Environment temperature: $5^{\circ}\text{C}\sim40^{\circ}\text{C}$;
- b.Relative humidity: 30% to 85%R.H. Non-condensing state;
- c.Atmospheric pressure: (86.0~106.0) kPa;
- d.Power:DC 3.7V (Li-ion battery) or DC 5V 1A IEC 60601-1 approved AC adapter (purchased by user, technical specification please refer to Chapter 2 for details).

2)Maintenance Instructions:

- a.Please use nebulizer under normal conditions;
- b.Do not use the nebulizer near the heating device or open flame. Do not use a microwave oven, fan and other dry nebulizer and accessories.
- c.Do not expose the nebulizer and accessories to corrosive liquids and gases.
- d.Do not wrap the power cord around the unit.
- e.When using a nebulizer, if any irregularities are encountered, seek a solution in

accordance with Chapter 8.

f. Dry the parts immediately after washing. Store the device and the components in the environment that meets the requirements, be careful to avoid collisions.

g. Direct sunlight, lint, dust may cause vibrating mesh rusted and oxidized and decrease nebulization rate.


h. If the nebulizer still does not work properly, please contact our company or the dealer.



7. Contraindications, Precautions, Notice and Warning

1. Contraindications



- 1) This product is not suitable for use with Pentamidine drugs.
- 2) Pulmonary edema patients should not use this device.
- 3) Acute asthma and acute pulmonary infarction episode patients should not use this device.

2. Notices and suggestions

<ul style="list-style-type: none">● The nebulizer is a medical device and is intended for human use only. Please follow the instructions in the manual or under the guidance of a doctor. The use of this device by infants, children and special needs patients should be done under the supervision of a guardian.	
<ul style="list-style-type: none">● Please use original parts and accessories. Warranty service is not provided for damage caused by accessory beyond our list and damaged by the user's personal causes.	
<ul style="list-style-type: none">● The equipment waterproof classification is IP22, main unit can't be washed, and prevent the ingress of water.	
<ul style="list-style-type: none">● Please refer to the "Troubleshooting" section when there are problems and contact the service center for maintenance. Do not attempt to repair the equipment personally.	
<ul style="list-style-type: none">● Please clean and disinfect the unit after use and refer to the clean and disinfect chapter.	
<ul style="list-style-type: none">● The nebulizer is for medication atomization.	
<ul style="list-style-type: none">● Remove the liquid before storing the device.	
<ul style="list-style-type: none">● Be sure all components and accessories are properly installed before using the nebulizer.	

<ul style="list-style-type: none"> ● The mouthpiece is a disposable accessory and should only be used a maximum of 3 times. The mouthpiece is for single person use only to prevent cross-contamination. 	
<ul style="list-style-type: none"> ● Keep the nebulizer level so liquid medication stays in contact with mesh disc during use. 	
<ul style="list-style-type: none"> ● Device should not be submerged in water or used in the shower. Under no circumstances should liquid enter the device. 	
<ul style="list-style-type: none"> ● Do not use device near flammable gas, oxygen or anesthetic mixtures. 	
<ul style="list-style-type: none"> ● Do not use device in a hospital or medical setting. Electronic noise generated by electromagnetic radiation sources such as CT, MRI, and DR machines will prevent the nebulizer from functioning properly. 	
<ul style="list-style-type: none"> ● Do not use the device in a high temperature environment, it may cause damage or fire. 	
<ul style="list-style-type: none"> ● Do not drop the device or subject it to other strong vibrations or impacts. 	
<ul style="list-style-type: none"> ● Do not use liquid that contains esters, oil or suspended particles, including herbal extract. 	
<ul style="list-style-type: none"> ● Do not wash the main unit with running water or submerge it to avoid water getting inside the device, especially the USB connector. 	
<ul style="list-style-type: none"> ● Do not use microwave oven to dry or disinfect the unit, as this may cause a fire. 	
<ul style="list-style-type: none"> ● Store device in a place out of reach from children, infants and special needs patients. 	
<ul style="list-style-type: none"> ● Only use a DC 5V 1A IEC 60601-1 approved AC adapter for charger this device. 	
<ul style="list-style-type: none"> ● Do not touch the center of spray mesh with finger or sharp objects. This may cause damage, and the nebulizer will no longer function properly. 	
<ul style="list-style-type: none"> ● The nebulizer is not moistureproof or dustproof. Do not store the nebulizer in a wet or dusty environment. 	
<ul style="list-style-type: none"> ● If the device has been dropped, exposed to high levels of moisture or suffered any other damage, it should no longer be used. If in doubt, contact the retailer where it was purchased. 	
<ul style="list-style-type: none"> ● Do not disassemble, repair or modify the device as this may cause electric shock, leakage or fire. 	
<ul style="list-style-type: none"> ● Dispose the device and accessories in accordance with local regulations. Illegal disposal may cause environmental pollution. 	

3. Warning

<ul style="list-style-type: none"> ● Consult with your doctor before using this device if you have diabetes or other illnesses. 	
<ul style="list-style-type: none"> ● Before using this device, consult with your doctor about what medication to use, dosage and treatment time. 	
<ul style="list-style-type: none"> ● Stop using this device if you feel any discomfort and seek medical attention. 	
<ul style="list-style-type: none"> ● Do not use volatile oil as this may cause damage to the module. 	
<ul style="list-style-type: none"> ● Only water-soluble medicines containing alcohol or saline-diluted medicines can be used for nebulization treatment, otherwise bronchospasm may occur. 	
<ul style="list-style-type: none"> ● Do not use oily medication. 	
<ul style="list-style-type: none"> ● This independent nebulizer can't work with other respiratory systems such as ventilators. 	
<ul style="list-style-type: none"> ● Before use, check whether there are any contraindications on the drug manual for use with the nebulizer. 	
<ul style="list-style-type: none"> ● Do not use any liquids with a viscosity of more than 5, as this can damage the mesh. 	
<ul style="list-style-type: none"> ● Only use medication with a saline solution. 	
<ul style="list-style-type: none"> ● When the device needs maintenance, the manufacturer can provide the product circuit diagram, key component list and other information according to the requirements for reference. Only qualified technical personnel should perform maintenance on this device. Contact the manufacturer's after-sales service department to obtain this information. 	
<ul style="list-style-type: none"> ● Avoid spilling liquid on the device as this may cause damage, device malfunction or the possibility of electric shock. 	

8. Trouble Shooting Tips

Trouble Shooting for Nebulizer		
Item	Trouble	Possible Cause/Solution
1	Nebulizer does not work after pressing power button	1) Make sure the nebulizer has enough power. If the blue light flashes 5 times, the nebulizer needs to be charged. 2) Make sure there is enough liquid in the medication cup.
2	Low atomization rate	1) Make sure the medication cup has been filled with the correct type of medication - it should be water-soluble and non-corrosive.

9. Disposal

Battery disposal

- The empty, completely flat rechargeable batteries must be disposed of through specially designated collection boxes, recycling points or electronics retailers. You are legally required to dispose of the batteries.

General disposal

For environmental reasons, do not dispose of the device in the household waste at the end of its useful life. Dispose of the device at a suitable local collection or recycling point in your country. Dispose of the device in accordance with EC Directive – WEEE (Waste Electrical and Electronic Equipment). If you have any questions, please contact the local authorities responsible for waste disposal.

10. After-sales service





















1. Please contact our after-sales service department to obtain warranty service.
2. If necessary, you can provide the circuit diagram and the necessary information for the repair. If there is any problem in the maintenance of the electrical circuit, you can contact the manufacturer.

Others please refer to the user manual

*The company reserves the right of final interpretation of the warranty card, which may be subject to change without prior notice

11. Symbol description & Electromagnetic compatibility

1. Signs and symbols

 <p>Refer to instruction manual/ booklet NOTE On ME EQUIPMENT</p>	 <p>Separate collection for electrical and electronic equipment</p>	 <p>General imperative</p>	 <p>ON/OFF Switch</p>	 <p>keep away from sunlight</p>	<p>IP22</p> <p>Waterproof Grade</p>
 <p>CE identification+ notified body number</p>	 <p>Fragile</p>	 <p>keep dry</p>	 <p>The application part of Type BF</p>	 <p>Note, Warning refer to enclosed file</p>	 <p>Cause for electric shock.</p>
 <p>Decrease nebulization rate</p>	 <p>Increase nebulization rate</p>	 <p>Manufacturer</p>	 <p>Batch code</p>	 <p>Product date</p>	 <p>Charging Interface</p>
 <p>Precautions</p>	 <p>Authorized representative in the European Community</p>		 <p>Medical Device</p>		

2. EMC Declarations

<ul style="list-style-type: none">• TAKE A BREATH™ Portable Handheld Mesh Nebulizer meets the requirement of electromagnetic compatibility in IEC60601-1-2.
<ul style="list-style-type: none">• The user needs to install and use according to electromagnetic compatibility information which is attached with it.
<ul style="list-style-type: none">• Portable and mobile RF communication device and some household appliances, such as mobile, interphone, microwave oven, dry blower, may influence nebulizer performance, so nebulizer should be kept away from them during using.
<ul style="list-style-type: none">• Guidance and manufacture's declaration stated in the appendix.

1) EMC information.

With the increased number of electronic devices such as PC's and mobile (cellular) telephones, medical devices in use may be susceptible to electromagnetic interference from other devices. Electromagnetic interference may result in incorrect operation of the medical device and create a potentially unsafe situation.

Medical devices should also not interfere with other devices.

In order to regulate the requirements for EMC (Electro Magnetic Compatibility) with the aim to prevent unsafe product situations, the IEC60601-1-2 standard has been implemented. This standard defines the levels of immunity to electromagnetic interferences as well as maximum levels of electromagnetic emissions for medical devices.

Medical devices manufactured for Complete Medical Supplies Manufacturing Group conform to this IEC60601-1-2 standard for both immunity and emissions.

Nevertheless, special precautions need to be observed:

1.NOTE The EMISSIONS characteristics of this equipment make it suitable for use in a residential environment(for which CISPR 11 class B is normally required)

2. WARNING: The use of accessories and cables other than those specified by Complete Medical Supplies Manufacturing Group, with the exception of cables sold by Complete Medical Supplies Manufacturing Group as replacement parts for internal components, may result in increased emission or decreased immunity of the device.

3. WARNING: The medical devices should not be used adjacent to or stacked with other equipment. In case adjacent or stacked use is necessary, the medical device should be observed to verify normal operation in the configuration in which it will be used.

4. PORTABLE RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30cm (12 inches) to any part of [ME EQUIPMENT OR ME SYSTEM], including cables specified by the MANUFACTURER. Otherwise, degradation of the performance of this equipment could result.

5. Do not use mobile (cellular) telephones and other devices (such as MRI, diathermy, electrocautery, RFID and electromagnetic security systems) which generate strong electrical or electromagnetic fields, near the medical device. This may result in incorrect operation of the unit and create a potentially unsafe situation. Recommendation is to keep a minimum distance of 7m. Verify correct operation of the device in case the distance is shorter.

Cables	Length (m)	Whether to block	Note
USB Cable	1	No	-


Guidance and Manufacturer's declaration – electromagnetic emissions		
This device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such environment.		
Electromagnetic emission IEC 60601-1-2		
Emissions text	Compliance	Electromagnetic environment-guidance
RF emissions CISPR 11	Group 1	This device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.

RF emissions CISPR 11	Class B	This device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/flicker emissions IEC 61000-3-3	Complies	

Guidance and Manufacturer's declaration – electromagnetic immunity

The device is intended for use in the electromagnetic environment specified below.
The customer or the user of the device should assure that it is used in such an environment

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance.
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8kV, ±15 kV, air	±8 kV contact ±2 kV, ±4 kV, ±8kV, ±15 kV, air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	±2 kV for power supply lines*1)	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±0.5±1 kV Line to line ±0.5 kV ±1 kV, ±2 kV line to earth	±0.5kV ±1kV line to line	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply IEC 61000-4-11	<5 % UT(>95 % dip in UT) for 0.5 cycle	<5 % UT(>95 % dip in UT) for 0.5 cycle	Mains power quality should be that of a typical commercial and/or hospital environment. If the user of this device requires continued operation during power mains interruptions, it is recommended that the device be powered from an uninterruptible power supply or battery.
	<5 % UT(>95 % dip in UT) for 1cycle	<5 % UT(>95 % dip in UT) for 1 cycle	
	70 % UT(30 % dip in UT) for 25/30 cycles	70 % UT(30 % dip in UT) for 25/30 cycles	
	<5 % UT(>95 % dip in UT) for 5/6 sec	<5 % UT(>95 % dip in UT) for 5/6 sec	

Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30A/m	30A/m	Power frequency magnetic fields should be at level characteristic of a typical location in a typical commercial or hospital environment.
Conducted RF IEC 61000-4-6	3V rms 150KHz to 80 MHz 6Vrms in ISM and amateur radio bands	3V rms	Portable and mobile RF communications equipment should be used no closer to any part of this device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $d = 1.2\sqrt{P}$ 80 MHz to 800 MHz $d = 2.3\sqrt{P}$ 800 MHz to 2.5 GHz
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz 385MHz-5785MHz Test specifications for ENCLOSURE PORT IMMUNITY TO RF wireless communication equipment(Refer to table 9 of IEC 60601-1-2:2014)	3V/m	where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,*2) should be less than the compliance level in each frequency range.*3) Interference may occur in the vicinity of equipment marked with the following symbol: 

▲ NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.

▲ NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

- Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating this device.
- Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Recommended separation distances between portable and mobile RF communications equipment and the device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as recommended below, according to the maximum output power of the communications equipment.

maximum output power rate of transmitters (w)	separation distance according to frequency of transmitter		
	150 kHz to 80 MHz $d = 1.2\sqrt{P}$	80 MHz to 800 MHz $d = 1.2\sqrt{P}$	800 MHz to 2.5 GHz $d = 2.3\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

Precautions

- 1) In order to regulate the requirements for EMC with the aim to prevent unsafe product situations, the EN60601-1-2 standard has been implemented. The **TAKE A BREATH™ Portable Handheld Mesh Nebulizer** conforms to the EN60601-1-2:2015 standard for both immunity and emissions.
- 2) Portable and mobile RF communication equipment may affect the performance of the nebulizer, avoid strong electromagnetic interference when using, such as close to mobile phones, microwave ovens and so on.

Warning

- 1) Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warranty Card

Manufacturer Stub

Stamp

TAKE A BREATH™

Portable Handheld Mesh Nebulizer Serial #:

Customer name: _____ Date of purchase: _____

Contact phone #: _____

Address: _____

Sales company: _____ Contact phone #: _____

Address of sales company:

MAIL TO:

Complete Medical Supplies, Inc.
21 Wes Warren Drive
Middletown, NY 10941

1-800-368-7262
www.complete-medical.com
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Warranty Card

Customer Stub

Stamp

TAKE A BREATH™

Portable Handheld Mesh Nebulizer Serial #:

Customer name: _____ Date of purchase: _____

Contact phone #: _____

Address: _____

Sales company: _____ Contact phone #: _____

Address of sales company:

MAIL TO:

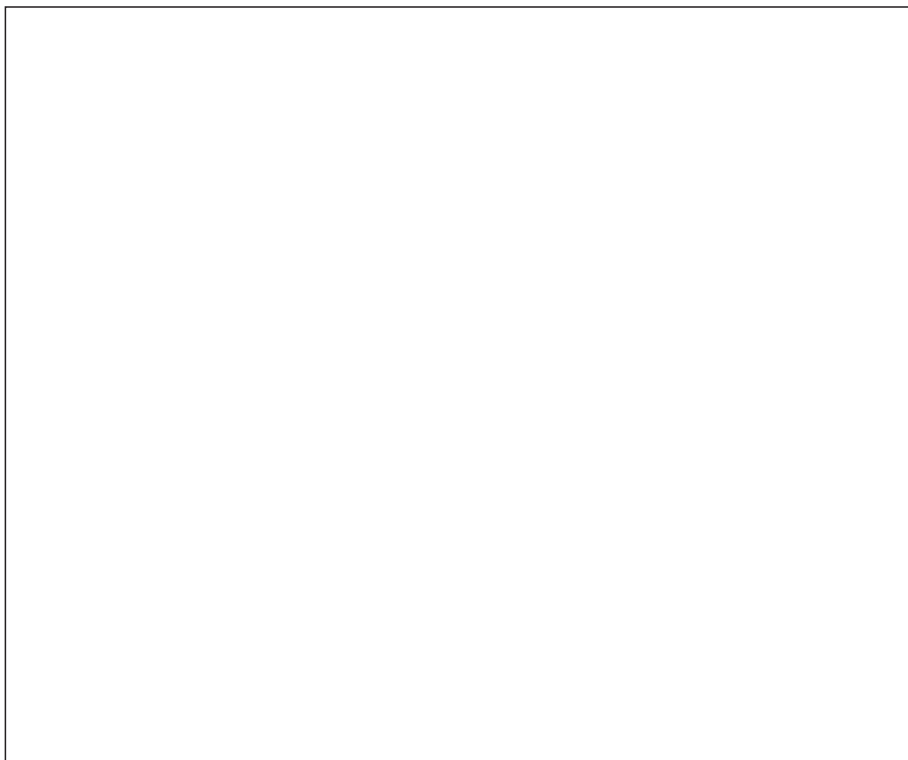
Complete Medical Supplies, Inc.
21 Wes Warren Drive
Middletown, NY 10941

1-800-368-7262
www.complete-medical.com
©2007 Complete Medical Supplies, Inc. All rights reserved.

- The period of host free for maintain service is 1 year. Medication cup is 6months.
 - During the warranty period, we will decide to repair or replace damaged parts and accessories according to the case.
 - When exceed the warranty period, relevant charge must be taken according to the case.
 - The accessories (mask, mouthpiece) does not come in the warranty category since it is consumable item, details please refer to the manual.
 - The following case does not include in the warranty:
 - Damage cause by human behaviors, holding, touching, soaking and wetting.
 - Damage cause by not correctly operating the product according to the manual.
 - Damage cause by accident.
 - The user disassemble and change the product without authorization.
 - No invoice, warranty card , the product serial being torn or can not identify.
- Attention: please contact the local dealer or our company with the "customer stub" of the warranty card when the machine needs maintenance, please keep the packing of product so that it could be used when return the machine to maintenance.



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Configuration list

Item	Quantity	If Included	
		Yes	No
Nebulizer unit	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Medication cup	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adult mask	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Child mask	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mouthpiece	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
User manual	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Warranty card	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Quick user guide	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zippered carry case	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Micro USB cable	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
USB Power Adapter	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>



COMPLETE[®]
medical supplies

MANUFACTURING GROUP

Middletown, NY 10941

Made in China

ver. 1.5
Feb. 2023