



PORTABLE MESH-SONIC NEBULIZER SYSTEM II

GUN-21X SERIES



PMSN is a vibrating mesh sonic nebulizer designed for treatment of cystic fibrosis, asthma, COPD and other respiratory diseases. It capable to break medical solutions into small aerosol droplets as a very fine mist for direct inhalation to the lungs.

Features



SMALL AND PORTABLE

1. One of the smallest nebulizers available on the market, weighing only 162g without battery.
2. Uses standard AA batteries. Easy to replace.
3. USB connector for any power bank.



COLOR CODE AVAILABLE

Customize for any colors



CORROSION AND IMPACT RESISTANT

Nozzle is designed of a unique material and has been tested for compatibility with liquid.



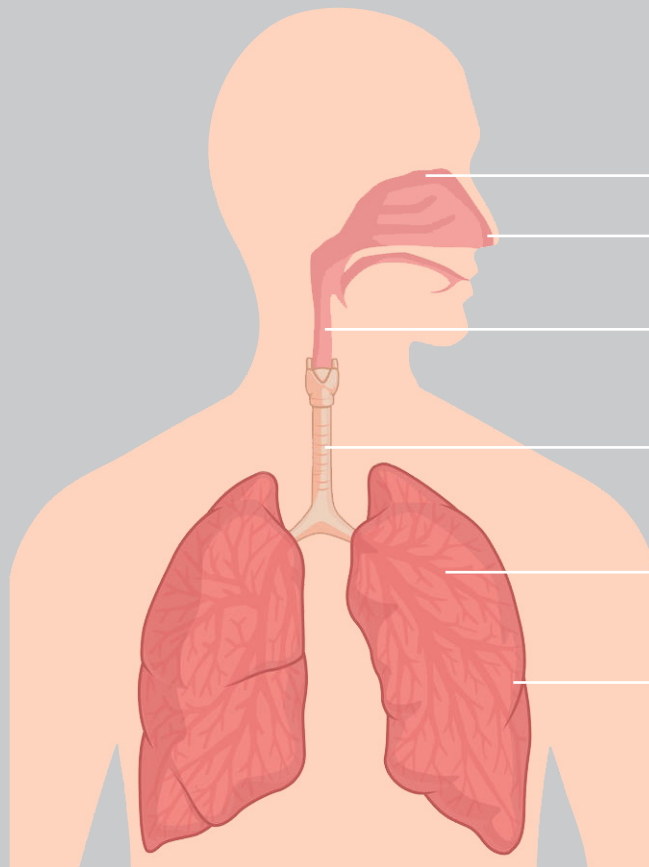
RESPIRATORY PATTERN

Simulated respiration is designed for highly efficient aerosol delivery

PATENTED DESIGN

PATENTED DESIGN

GUN217 Series Treatment Area and Particle Size



Area	Particle Size
Vice Nasal	>10um
Nasal	>10um
Upper Respiratory Tract	>10um
Trachea	5-10um
Bronchus	5-10um
Bronchiole	<5um



QUIET

1. Suitable for night use, providing silent medication to delivery.
2. LED lights allow easy nighttime operation; no need to turn on lights.



MICRO-SCALE PARTICLE

1. Aerosol particles as fine as 2 μm . Medication can be delivered deeper into the lungs than many traditional large nebulizers.
2. Aerosol particles are refined twice, down to less 2 μm .

PATENTED DESIGN



DELIVER TO THE LAST DROP

1. The internal slope design of the medication cup minimizes the residual dose.
2. Mouthpiece allows medicine conservation

PATENTED DESIGN



KEEP CLEAR , SAFE

The protective cover provides not only to protect the body, but also to prevent the medicine cup from contamination.

PATENTED DESIGN

Operating Instructions



1

Remove the protective cover by placing your thumb against the back wall of the cap and then push upwards to remove.



2

Remove the gland by placing your thumb against the back wall of the cap and then push upwards to remove.



3

Use your thumb and index finger to Open the silicone cap, then turn it 180 degrees.



4

Pour the proper amount of medication into the medication cup.



5a

The mouthpiece can be used immediately after connecting the nozzle.



5b

After closing the lid of the mouth piece, return the transparent cup to original position.



6a

Press the green button to start the treatment. Designed to deliver for 20 min. and it can be re-started till the medication is empty



6b

Press the green button to start the treatment. Designed to deliver for 20 min. and it can be re-started till the medication is empty



7

Clean the unit as follows after every usage or after the product has not been used for a period:

- Take apart from the body: cover, gland, and cup.
- Dispose of any remaining medication or residuals.
- Use pure and sterile water to clean the cover, gland and cup.



EASY STERILIZATION

Nozzle can easily be detached from the main unit, allowing for thorough sterilization with rubbing alcohol .



STYLISH BAG

Stylish PU bag is mobile, flexible, and impact-resistant

CONFIGURATION

Power source	Two AA batteries, AC/DC adapter, 100~240 VAC 50/60 Hz
Power consumption	1.5W
Ultrasonic frequency	100-130K Hz
Nebulization rate	>0.4mL/min
Cup Capacity	8ml
Particle size	2-3 μ m
Weight	About 162g without battery

Note:

1. After each use, pour a small amount of distilled water into the medication cup and turn on the device to nebulize the water for 1 to 2 minutes to remove residual medication from the mesh holes; Rinse the nebulizer parts with distilled water; Gently wipe off excess water with a soft clean cloth after washing.
2. The literature is for reference only. GENTEC reserves the rights to make changes to the products at any time or to terminate the manufacture of any particular product.

REPLACEMENT PARTS



Mask (large)



Mask (small)



Mouth Piece



Pacifier



Cup



Power Adapter

ORDERING INFORMATION

Model No.	Specifications
GUN-210	Body, Cup, Cover, Gland, Power Adapter
GUN-211	Body, Cup, Cover, Gland, Power Adapter, Mouth Piece
GUN-212	Body, Cup, Cover, Gland, Power Adapter, Mask S
GUN-213	Body, Cup, Cover, Gland, Power Adapter, Mask L
GUN-214	Body, Cup, Cover, Gland, Power Adapter, Mouth Piece, Mask S
GUN-215	Body, Cup, Cover, Gland, Power Adapter, Mask L
GUN-216	Body, Cup, Cover, Gland, Power Adapter, Mask S, Mask L
GUN-217	Body, Cup, Cover, Gland, Power Adapter, Mask S, Mask L, Mouth Piece



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Nebucare In-Line Circuit Nebulizer

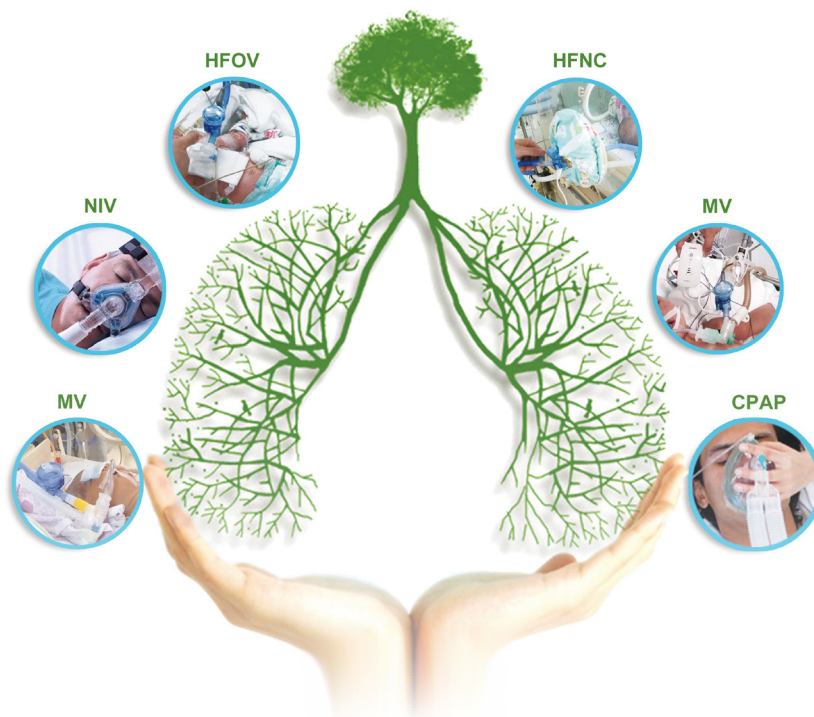
The Nebucare In-Line Circuit Nebulizer is a fast, efficient, and simple to use device developed for aerosol therapy on breathing circuits. Designed for treatment of cystic fibrosis, asthma, COPD and other respiratory diseases through a mesh-sonic design. The mesh-sonic design breaks down medical solutions into small aerosol droplets as a very fine mist for direct inhalation to the lungs. Common problems experienced from ultrasonic-wave nebulizers such as having too much liquid waste and heating of liquids can be solved with the GENTEC® Nebucare series.



Features

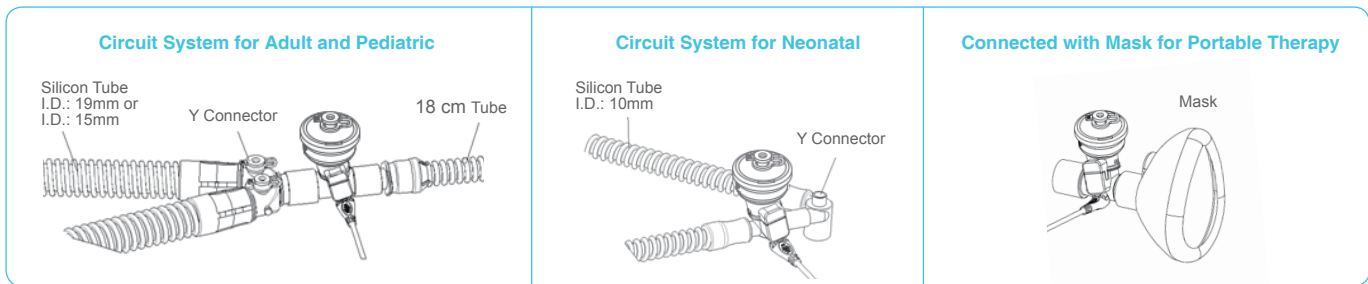
- Treatment can be administered continuously or intermittently with a time controller
- Engineered slope design of medication cup minimizes residual waste
- Suitable for neonatal, pediatric, and adult
- Patented design
- Aerosol particles as fine as 2 µm
- Quickly breaks down medicine into small aerosol droplets for efficient therapy
- Compatible for any mechanical ventilation
- Suitable for acute and sub-acute care; easily connects with circuit systems and mechanical ventilators
- Can be used for humidifying therapy

Applicable occasions

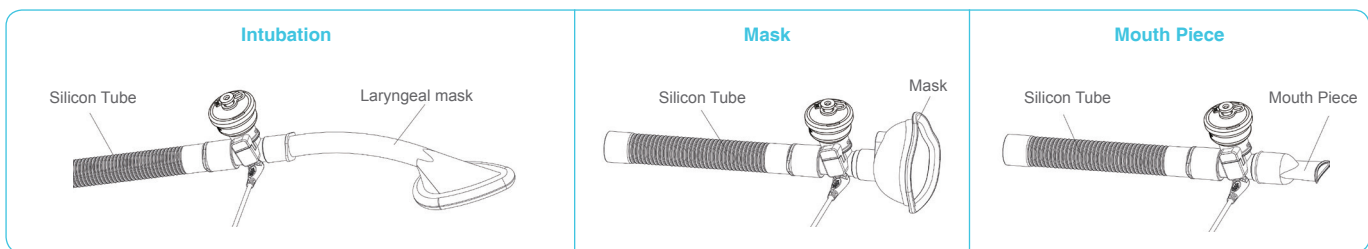


Schematic Diagram

For Ventilator Use



For Others Use



Product Specifications

Power Supply	AC / DC Transformer (Input 100 ~ 240 VAC 50 / 60 Hz, Output 5 V)
Nebulization Rate	> 0.3 ml/min
Cup Capacity	8 ml
Particle Size	2 ~ 5 μ m, 3 μ m (MMAD)
Delivery Time	Continuous, 15 mins, 10 mins, 5 mins
Nebu Cap	A: 22M / 15F, 22F; weight: 30 g B: 10M, 10F; weight: 23 g
Controller	Dimension: 100*50*30 mm weight: 150 g

Traditional Nebulizer for Ventilator VS GENTEC Nebucare Nebulizer

	Traditional Nebulizer for Ventilator	GENTEC Nebucare Nebulizer
Nebulizer Type	Compressed Air	Mesh-sonic Design
Power Consumption	35 ~ 70 W	< 2 W
Noise	Yes	No
Pressure	Yes	No
Tidal Volume	Yes	No
Parameter Adjustment	Needed	Not Required
Particle Size	5 ~ 10 μ m	2 ~ 5 μ m
Aerosol Temperature	Fluctuates	Stable
Remnants	Yes	No
Pulmonary Deposition Ratio	1 ~ 10%	13 ~ 18%
Aerosol Residual	Yes	< 0.1 ml
Timing of Inhalation	Uncontrollable	Continuous or Intermittent

Ordering Information

Model Number	Description			
	Nebulisers A (22M/15F, 22F)	Nebulisers B (10M/10F)	Controller	USB with Power Supply
GUN-300vt	√	√	√	√
GUN-300vt-11	√	-	√	√
GUN-300vt-12	-	√	√	√