# **NEPLUS** (NE-SM1) SUPER MESH NEBULIZER

• Vibrating mesh technology (Nickel Free)

• Rechargeable battery with smart phone adapter

(No battery change for more than 5 years)

Noiseless operation

Preventing infection by boiling



#### **Features**

- Ultrasonic type nebulizer that sprays liquid medication into lung as aerosols.
- Ultrasonic vibrator mesh releases medication via  $5\mu$ m of fine holes.
- Very small size and noiseless Mesh technology.
- Very convenient to use and to carry.
- Inhalation is possible at over 75° of tilt angle.
- Long operating time under rechargeable battery.

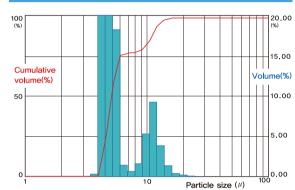
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## **Technical Data**



| Type<br>Nebulizer Type | Pulmicort | Ventolin |
|------------------------|-----------|----------|
| Ultrasonic Nebulizer   | Not Good  | Good     |
| Mesh Nebulizer         | Good      | Good     |

## **Specifications**

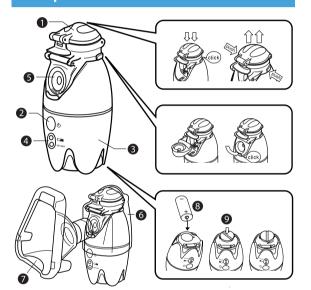
| Model                              | NE-SM1                                                                                           |  |
|------------------------------------|--------------------------------------------------------------------------------------------------|--|
| Power & Consumption                | Lithium ion battery 3.6~4.2V DC 1.3 W                                                            |  |
| Dimensions                         | $(W)\times(D)\times(H) = 52mm\times53mm\times109mm$                                              |  |
| Weight                             | Main unit: 88g, Mask: 50g                                                                        |  |
| Nebulization rate                  | Approximately 0.25ml/min                                                                         |  |
| Particle size                      | Average 5μm                                                                                      |  |
| Volume of medication bottle        | 6ml                                                                                              |  |
| Operating time under full charge   | 5 hours 30 min                                                                                   |  |
| Charging life cycle of the battery | over 500 cycles                                                                                  |  |
| Ultrasound frequency               | Approximately 108 KHz                                                                            |  |
| Operating environment              | 10~40°C, related humidity 30~85%                                                                 |  |
| Battery charging environment       | 0~45°C                                                                                           |  |
| Storage environment                | -20~60°C                                                                                         |  |
| Contents                           | Nebulizer unit, Adult mask(optional), Child mask<br>Mouthpiece, Instruction manual, Carrying bag |  |

\*All specifications are subject to change prior notice.



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## Composition



#### Components

| Main unit                    | Mesh cartridge        | Medication bottle                    |
|------------------------------|-----------------------|--------------------------------------|
|                              |                       |                                      |
| Mask adapter                 | Small inhalation mask | Big inhalation mask(Optional)        |
|                              |                       | Cope                                 |
| Rechargeable lithium battery | Mouthpiece            | AC power cable (Individual purchase) |
|                              | $\Diamond$            | Smart phone adapter                  |

\*For repairing or repurchasing of parts, please call our company or local distributor.

