

Portable

Mesh Nebulizer

FAST THERAPY & SILENT

YS35













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Introduction

Thank you for purchasing YS35 mesh nebulizer (Hereinafter referred to the device), please read the manual carefully to make sure that you can operate it correctly and safely. Please store the manual well after reading it for later reading and referencing.

Warranty

Main unit 2 years for free warranty, medicine bottle(including mesh plate) 3 months for free warranty. During warranty period, we depend on the damage to decide if maintenance is required or damaged part is to be changed.

A warranty claim must be submitted with the purchase receipt. Please pack your defective instrument well and send with sufficient postage to the distributor.

Accessories are consumables, and thus do not belong to warranty range. If you need to change, we recommend our company's accessories.

The details given below not including in warranty range:

- The damage caused by human fall, touch, soaking, wet
- The damage caused by not in accordance with the correct operating instructions.
- Damaged by accident.
- Without our company's authority, users who disassemble and assemble by selves.
- Products Serial No. is teared or can't be recognized well, and no warranty card and No Original Invoice available.

⚠ NOTE: Take warranty card "Users Page" to contact local distributor or our company if your nebulizer needs to be repaired. Meanwhile please keep packing box in safe place so that it can be used when you send it to our company.

Dear customer, thanks for purchasing our products. Please fill in this card for further service.

Warranty Card For customer				
Name:			Tel:	
Address:				
Product:	Portable Mes	h Nebu l izer	Model:	
Purchasing				
date:				
S/N:				
	Date			Remarks
Repair record:				
rtopali rocora.				

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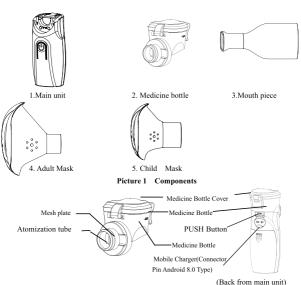
Chapter 1 Product Introduction

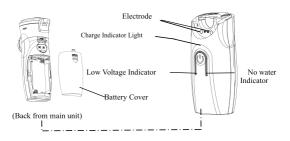
1.Product Overview

The device is designed for respiratory diseases treatment and respiratory tract infection prevention. The device is pushed by certain circuit frequency vibration to make piezoelectric ceramic vibrate harmony that caused high speed vibration of metal mesh. And the medicine liquid will be quickly popped through micro mesh hole of metal mesh plate to be countless micro atomizing particles. This will further transfer by inhalation treatment using masks or mouthpieces to patients' respiratory system.

2.Components

Main unit, Medicine bottle (including atomization tube and mesh plate), Accessories (Adult Mask, Child Mask and Mouth piece, Can be 3 components or 2 or 1 single piece). Details see Picture1:





Picture 2 Detailed Components

3. Available Range

The nebulizer is designed for respiratory diseases treatment and respiratory tract infection prevention. It is widely used in curing diseases of respiratory system, such as cold, fever, bronchitis, asthma, pneumonia, pneumonic mycosis and pulmonary heart disease. It can also be used to cure occupational disease; give throat care to the artists, cure ENT throat diseases like chronic allergic rhinitis, acute laryngitis, acute phatyngitis, acute tonsillitis etc.

The nebulizer shall be used with face mask, and the face mask's connection tube diameter shall be 20.0 ± 0.1 mm, therefore the face mask can be connected to the nebulizer tightly.

4. Applicable people scope

The nebulizer is available to adults, aged people, infants and children must under adult's supervision.

The nebulizer can be used at homehold environment, and it complies with requirement of IEC 60601-1-11.

Contraindications:

- 1) The device cannot be applied to anesthesia breathing system and respiratory system.
- 2) Infants and children must under adult's supervision.
- 3) Pentamidine is not applicable to the device.

5. Working Principle

The device is pushed by certain circuit frequency vibration to make piezoelectric ceramic vibrate harmony that caused high speed vibration of metal mesh. And the medicine liquid will be quickly popped through micro mesh hole of metal mesh plate to be countless micro atomizing particles. This will further transfer by inhalation treatment using masks or

mouthpieces to patients' respiratory system.

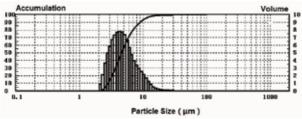
6.Main Performance Index

Please see Table 1,it was tested by 0.9% physiological saline under the condition of temperature $25\pm3^{\circ}$ C, humidity $60\%\pm5\%$ R.H.

Fog particle equivalent volume (Picture 3)

Table 1 Main Performance Index

Tablet Main Ferformance index		
Nebulizer ultrasonic working frequency	120KHz±10%	
Nebulizer spraying rate	≥0.2ml/min	
Medicine liquid temperature	≤41 °C	
Working noise	≤50 dB (A weight)	
Fog particle media diameter	5μm±25%	



Picture 3 Fog Particle Equivalent Volume

NOTE: The horizontal line is particle diameter, the data are the logarithm distribution: Left vertical line is cumulative percentage of volume, corresponding to the curve upward trend: Right vertical line is a range of volume percentage, corresponding to Graph histogram or rolling.

The maximum and minimum recommended fill volume as 0.5cc-8cc.

Chapter 2 Operation

To prevent cross infection, the nebulizer is used only by one person

Please clean and disinfect nebulizer when you first using it or before and after using, then dry it, see Chapter 3.

1.Connect the power supply

This nebulizer can both with AA Alkaline batteries OR Lithium battery nominal voltage 3.7V(Optional), mobile charger with Android 8.0 flat pin (Purchase additionally)

2. Install batteries (Picture 4)

- (1) Open the battery cover;
- (2)Insert the batteries according to the illustration of polarity (2 Alkaline AA Batteries);
- (3) Close the battery cover.



Insert the batteries
Picture 4 Installation of Batteries



- 1)Please install batteries as per battery chamber polarity symbol.
- 2)Please do not use mix batteries of different styles or manufacturers or factories
- 3)Please remove the batteries if not using nebulizer.

3. Adapter using

- (1)Connect Android 8.0 output to Mobile Charger with similar type of flat pin(Picture 2);
- (2)Connect Mobile Charger to power.

ANOTE:

- Users should purchase Mobile Charger additionally, please note that the output port of Mobile Charger should match with the AC power required;
- 2) To ensure safe using, please use Mobile Chargers that meet the electrical safety standard GB 9706.1-2007 or IEC 60601-1;
- 3) Mobile Charger technical parameter should satisfy as below:
- 4) Input voltage: AC 100 $\sim\!$ 240V,50/60 Hz;
- 5) Output voltage: DC 3~5V,1~2A

4 Lithium Battery (Optional accessories)

- (1) If the purchased atomizer has lithium battery function, the machine can be used directly with lithium battery. lithium battery nominal voltage 3.7V
- (2) when the power voltage of the lithium battery is less than $3.3 \pm 0.1 \text{V}\text{v}$, the red indicator will start to light, and automatically shut down when the voltage is less than $3.0 \pm 0.1 \text{V}$. At this time, please charge the lithium battery, use the power adapter to link the host and power socket, the red light flashing when charging, lithium battery is full of power and the red light goes out.
- (3) when charging, connect the power adapter output port to the AC power adapter socket in the rear view in Picture 2.

5. Nebulizer Assembly

- 1, Please clean and disinfect nebulizer before using, then dry it, see chapter 3 in details)
- 2, Use One hand to hold the main unit, the other to hold the medicine bottle. push follow the slot until you hear a "Click" sound (Picture 5)



Picture 5 Nebulizer Assembly

A NOTE:

If not assemble medicine bottle in right place, that may caused electrode couldn't turn and nebulizer can't work.

Please keep main unit and medicine bottle clean (see chapter 3), or may cause nebulizer can't work.

6. Add medicine liquid (Picture 6)

- 1, One hand to hold the main unit, the other to open medicine bottle buckle;
- 2, Put medical liquid in the medicine bottle and then;
- 3, Tighten



1. Open cover, add medicine liquid



2. Close the cover, tighten the bottle

Picture 6 Add Liquid Medicine

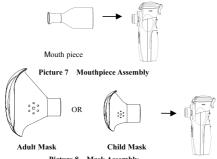
A NOTE:

- 1)Suggestion: max medicine liquid 8ml, min 0.5ml
- 2)After putting medicine liquid in, prevent nebulizer shaking or inverted which may cause the leakage of medicine liquid.
- 3)Keep medicine liquid and mesh completely contacting to prevent mesh plate air shock.

4. Usage of Nebulizer

Nebulizer accessories are grouped as mouthpiece, adult mask and child mask. If need to be treated by the throat, please use the mouthpiece; meanwhile if need to be treated by nasal cavity / or throat, please choose a mask.

1, Connect mouthpiece or mask and sending pipe of main unit as Picture 7, or connect mask and sending pipe of main unit as Picture 8:



Picture 8 Mask Assembly

- Push START/STOP button, the power indicator light (Blue Light) will light up and turn on:
- 3. Keep calm, relax and sit well, with the hand holding the nebulizer smoothly, take deep and slow breathing, to have more effective treatment:
- (1) When use mouthpiece, make the mouthpiece flat end into the mouth, lips slightly closed, so that the medicine liquid targeted to the affected area.
- (2) When use mask, make mask slightly close to face, better for covering nose cavity and mouth.
 - 1. Treat by nose cavity, deep inhaling from nose cavity, exhaling from mouth.
- Treat by throat, inhaling from mouth, exhaling from nose cavity. (3)During treatment, can both use 1 and 2.
- A NOTE:
- 1) Put 0.9% physiological saline into medicine bottle, after assembly and before using, push START/STOP to test If it can't work well (Chapter 6)

- 2) Please follow Picture 7 and Picture 8, by accessories' connectors to assemble mouthpiece or mask.
- 3) Please use correctly using mouthpiece, don't spray the liquid to your tongue.
- 4) Don't swallow liquid and make sure liquid does not go direct to the affected area.
- 5) Improper gesture and not smooth breathing may cause respiratory passage blockage.
- 6)After working for 20 minutes, the time indicator (Yellow) will flicker continuously and turn off the power automatically. If the bottle is not filled with any liquid medicine, the nebulizer will not work.
- 7) Slightly tilt the Main Unit toward yourself to immerse the Vibrating Mesh in the Medicine.
- **MOTE:** If the vibrator is not immersed in the Medicine, the device will not nebulize within 10 seconds
- 8) When the Medicine is not much, tilt the device toward yourself by START/STOP side), make the Medicine gathered in mesh plate, in order to make full use of the residual Medicine.
- 9) The device should avoid empty shock, in case of mesh plate broken.
- 10) When Low Voltage Indicator (Red Light) continue to slow flash, the power will run out, please change new Alkaline Batteries as soon as possible.
- 11) Do not strongly wave or vibrate the device in use, otherwise the device automatically shut down.
- 12) Pure water is not suitable for normal working mode, otherwise the device will not turn on

5, Turn Off the Power

- 1.Press the START/STOP button to turn off the power, the Power Indicator (Blue Light) will go out.
- 2. When the Mobile Charger is used, remove the power plug from the electrical outlet after using the device.

6, After Using

- 1.Remove the mouthpiece or mask
- 2.Hold the Main Unit by one hand, and Press the [PUSH] button behind the Main Unit shown in Picture 9; Hold the Medicine bottle by the other hand, remove the Medicine bottle along the slot



Picture 9

3. Open the lid, pour all the residual liquid medicine bottle, and promptly clean the device, allow the parts to air dry and store the device in a clean environment. See Chapters 3 and 4.

Chapter 3 Cleaning and Disinfecting

- After each use, first discard all residual medicine, and remove the attachment from the main unit to clean and disinfect. Dry the parts immediately after washing.
- Be sure to turn off the device.
 - Do not store when main unit, medicine bottle and accessories have any remaining liquid or moisture.

Medicine bottle

- 1. Open the medicine bottle, and discard any residual medicine;
- Pour a small amount of hot distilled water into the Medicine Bottle and close the Cap;
- NOTE: Suggest that the water temperature is 30-60 °C
- 3. Press the START/STOP button for 5 seconds, Power Indicator(Blue) and Low Water Indicator (Yellow Light) and Low Voltage Indicator (Red Light) constantly light, Turn on the device in cleaning pattern to nebulize the distilled water for 1 to 2 minutes to remove residual Medicine from the mesh holes.
- 4. Rinse the medicine bottle and Medical Cap with distilled water. Gently wipe off excess water with a soft clean cloth or allow the parts to air dry in a clean environment.
- 5. Immerse the medicine bottle in 75% medical alcohol disinfecting at least 3 minutes, then remove the medicine bottle in a clean environment to dry and store.

A NOTE:

- 1) Use medical gauze and medical cotton swabs to clean and disinfect
- Do not wipe in tissue paper or other cloth, otherwise the mesh will not nebulize normally.
- 3) Do not wipe with the sharp object or touch the mesh.
- 4) Disinfect the Mesh after the last treatment of each day in the following solution: 2ml Vinegar (1 part white vinegar and 3 parts distilled water), OR 2ml hot water (No more than 80 degrees C). Turn on the device to nebulize in the disinfecting solution until running out. Turn off the power, then soak the medicine bottle in vinegar or hot water for 3 minutes, then remove and rinse with pure water.
- 5) Do not use other household bleach to clean the device in addition to the above solution.

2. Cleaning the Main Unit

1. Gently wipe the Main Unit with 75% medical alcohol and wipe off excess water with a soft clean cloth:

Clean the electrodes connecting the Main Unit and medicine bottle, in order to make the device work normally.

Caution:

- 1) Do not wipe the Main Unit with other volatile liquid, such as Benzene or Thinner.
- 2) Do not rinse or immerse the Main Unit in any liquid.

3. Cleaning and Disinfecting of Mouthpiece and Masks

- 1. Remove the mouthpiece or masks;
- 2. Rinse the mouthpiece and Mask with pure water for 2 \sim 3 minutes(Water Temperature $\leq\!50$ $^{\circ}\!C$) ;
- 3. Dry moisture with medical gauze.
- 4. Wipe the mask and mouthpiece with 75% of medical alcohol at least 3 minutes to disinfect, and store to air dry.



- 1) Clean and disinfect all the parts.
- 2) In order to ensure the safety of your usage, please purchase the parts from the regular manufacturer.

Chapter 4 Storage and Maintenance

1. Storage Conditions:

- Temperature: 20 °C ~ 55 °C;
- (2) Relative Humidity: ≤ 80% R.H.
- (3) Air Pressure : 70.0 ~ 106.0 kPa;
- (4) Other requirements: No direct sunlight, Ventilation, No corrosive gas, No heating device, or Open fire.
- 2. Storage Instructions:
- The product's validtiy is advised as 3 years.
- (2) Clean and disinfect the device after each using. Assemble the device. Store the device in the Storage Case or in a clean environment.

Validity: The device is advised used in 3 years and in 4000 times; For the battery, the device can be used for approximately 4 days if operating for 20 minutes a day, after this, another battery or charging of battery shall be provided. Lithium Battery can approximately operating above more than 60 minutes, and it complies with requirement of EN62133:2013.

2. Maintenance of the Device

- 1. Working Conditions
- (1) Environment Temperature: 10 °C ~ 40 °C;
- (2) Relative Humidity: < 80% R.H., No condensation
- (3) Air Pressure: 86.0 ~ 106.0 kPa;
- (4) Power: DC 3V± 10% (2 Alkaline AA Batteries) \(\) or Mobile Charger (Buy additionally, Technical Parameter Requirements see Chapter 2)
- 2. Maintenance Instructions
- (1) Operate the device in normal work condition;
- (2) Do not operate the device near the heating device or open fire. Do not dry the device and its accessories with the microwave oven, oven drying, hair dryer, etc.
- (3) Don't make the nebulizer and its accessories contact corrosive liquids or gases.
- (4) Do not install the Main Unit around the power lines.
- (5)Refer to Chapter 6 for solution or contact the company or purchase dealer when the device cannot work.
- MARNING: Prohibit to disassemble, repair or change the device.

Chapter 5 Safety Information and Care

1. Safety Information

- Do not use or store the device in humid locations, such as a bathroom. Use the device
 within the operating temperature and humidity.
- Read all the information in the instruction book and any other literature included in the box before using the unit.
- 3. Accessories mentioned in the instruction manual are just for the device .
- Do not subject the device or any of the components to strong shocks, such as dropping on the floor.
- 5. Do not shock the device in using.
- Do not disassemble or attempt to repair the device or components.
- 7. Remove all batteries when the device does not work.
- When the Mobile Charger is used, remove the power plug from the electrical outlet and clean the device.
- Do not operate the device or contact the Mobile Charger socket or power switch with wet hands
- 10.Do not immerse the main unit in water or other liquid, avoid splashing water or other liquid to the main unit or AC adapter; Turn off the power, and immediately dry with a clean cloth.
- 11.To prevent damage to the device, do not carry or leave the Medicine Bottle filled with Medicine or distilled water.
- 12.Do not operate the device with rechargeable batteries, Dispose of the device, components, and optional accessories according to applicable local regulations. Unlawful disposal may case environmental pollution.
- 13. This device is approved for human use only.

2.Care for the Device

- 1. The nebulizer is a prescription medical device. For type or dose of Medicine follow the instructions of your physician and/or licenced healthcare practitioner
- 2.Do not use the Medicine with ester, fat or suspended particles, including herbal medicine, suggest use the standard nebulizing Medicine in accordance with the physician's advice.
- 3.The device nebulizes for $10 \sim 20$ minutes each time, the amount of Medicine for $2 \sim 4$ ml, but still can be used as the physician suggested.
- 4. The device is a personal medical equipment, Do not mixe its usage with others.
- 5.Do not touch the mesh with your hand or any other object.
- 6. Keep the device out of the reach of unsupervised infants and children.
- 7.Suggest that the device be kept away from other electrical products with above 2W power consumption at least 3.3 meters, to avoid the electromagnetic interference; Consult your physician for users wearing the heart pacemaker.
- **MARNING:** Pentamidine is not applicable to the device!

The device can not be applied to anesthesia breathing system and respiratory system!

Chapter 6 Electromagnetic Compatibility Information

Guidance and manufacturer's declaration - electromagnetic emission					
The YS35 Mesh Nebulizer is intended for use in the electromagnetic environment specified					
below . The customer or the	below. The customer or the user of YS35 Mesh Nebulizer should assure that it is used in				
such an enviroment.					
Emissions test	Compliance	Electromagnetic environment-guidance			
RF emissions	Group 1	The YS35 Mesh Nebulizer uses RF			
CISPR11		energy only for its internal function.			
RF emissions	Class B	Therefore, its RF emissions are very			
CISPR11		low and are not likely to cause any			
		interference in nearby electronic			
		equipment.			
Harmonic emissions	N/A	The YS35 Mesh Nebulizer is suitable			
IEC61000-3-2		for use in all establishments, including			
Voltage	N/A	domestic establishments and those			
fluctuations/flicker		directly connected to the public			
emissions		low-voltage power supply network that			
IEC61000-3-3		supplies buildings used for domestic			
		purposes.			

Guidance and manufacturer's declaration -electromagnetic immunity

The YS35 Mesh Nebulizer is intended for use in the electromagnetic environment specified below. The customer or the user of YS35 Mesh Nebulizer should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Complianc	Electromagnetic	
		e level	environment-guidance	
Electrostatic	±8KV contact	±8KV	Floor should be wood,	
discharge(ESD)	±15KV air	contact	concrete or ceramic tile. If	
IEC61000-4-2		±15KV air	floors are covered with	
			synthetic material, the	
			relative humidity should be at least 30%	
Electrostatic	- OVER 1	N/A		
Transient/burst	±2KV for power supply lines	IN/A	Mains power quality should be that of a typical	
IEC61000-4-4	±1KV for input/output		commercial or hospital	
1EC61000-4-4	lines		environment	
	inies		environment	
Surge	±1KV differential mode	N/A	Mains power quality should be	
IEC610000-4-5	±2KV common mode		that of a typical commercial or	
			hospital environment	
Voltage	<5%UT.	N/A	Mains power quality should be	
dips ,short	(>95% dip in U _T) for	10/24	that of a typical commercial or	
interruption and	0.5cycle		hospital environment.	
voltage variations	40%UT,		If the user of the YS35 Mesh	
on power supply	(60% dip in UT)		Nebulizer requires continued	
input lines	For 5 cycels		operation during power mains	
IEC61000-4-11	70%UT,		interruptions, it is recommended	
	(30% dip in UT)		that the YS35 Mesh Nebulizer	
	For 25 cycles		be powered from an	
	<5%UT,		uninterruptible power supply or	
	(≥95% dip in U _T)		a battery	
	For 5 sec			
Power frequency	3A/m	3A/m	Power frequency magnetic	
(50/60Hz)			fields should be at levels	
magnetic field IEC61000-4-8			characteristic of a typical location in a typical	
IEC01000-4-8			commercial or hospital	
			environment	
NOTE Ut is the a.c. mains voltage prior to application of the test level				
NOTE OT IS the a.c. mains voltage prior to application of the test level				

Guidance and manufacturer's declaration -electromagnetic immunity

The YS35 Mesh Nebulizer is intended for use in the electromagnetic environment specified below . The customer or the user of YS35 Mesh Nebulizer should assure that it is used in such an environment.

Immunity test	IEC 60601	Compliance	Electromagnetic environment-guidance
	test level	level	
Conducted RF IEC610000-4- 6	3V/m 150kHz to 80MHz	N/A	Portable and mobile RFcommunications equipment should be used no closer to any part of the YS35 Mesh Nebulizer,including cables,than the recommended separation distance calculate from the equation applicable to
Radiated RF IEC61000-4-3	3V/m 80MHz to 2.7GHz	3V/m	the frequency of the transmitter Recommended Separation Distance $d = \left[\frac{3.5}{V1}\right]\sqrt{P}$ $d = \left[\frac{3.5}{E1}\right]\sqrt{P} \text{ 80 MHz} \sim 800 \text{ MHz}$ $d = \left[\frac{7}{E1}\right]\sqrt{P} \text{ 800 MHz} \sim 2.5 \text{ GHz}$ 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 metres(m). Field strengths from fixed RFtransmitters, as determined by an electromagnetic site survey, should be less than the compliance

level in each frequency range.

Interference may occur in the vicinity of equipment marked with the following symbol:

NOTE1 At 80MHz and 800MHz, the higher frequency range applies NOTE2 These guidelines may not apply in all situations. Electromagnetic is affected by absorption and reflection from structures, objects and people.

a 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 cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to the YS35 Mesh Nebulizer is used exceeds the applicable RF compliance level above, the YS35 Mesh Nebulizer should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting the YS35 Mesh Nebulizer.

b Over the frequency range 150kHz to 80MHz, field strengths should be less than 3V/m.

Recommended separation distance between

Portable and mobile RF communications equipment and the YS35 Mesh Nebulizer

The YS35 Mesh Nebulizer is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the YS35 Mesh Nebulizer can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment(transmitters) and the YS35 Mesh Nebulizer as recommended below, according to the maximum output power of the communication equipment.

the communication equipment.				
	Separation distance according to frequency of transmitter			
Rated maximum output of transmitter	150KH~80MHz	80 MHz~800 MHz	800MHz~2.5 GHz	
W	$d = \left[\frac{3.5}{V1}\right] \sqrt{P}$	$d = \left[\frac{3.5}{E1}\right] \sqrt{P}$	$d=\left[\frac{7}{E1}\right]\sqrt{P}$	
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 metres(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 transmitter manufacturer.

NOTE1 At 80Mhz and 800MHz, the separation distance for the higher frequency range applies.

NOTE2 These guidelines may not apply in all situation. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people

Chapter 7 Trouble Shooting

There are something problem in using the device, please find solutions in the following table.

PROBLEM	CAUTION	SLOUTION
	The Medicine Bottle is not properly installed	Make sure the Medicine Bottle is properly installed
	The Medicine has not come in contact with the nebulizing parts above 10 seconds	Adjust the nebulizer angle and connect with the Medicine
The device is on but nebulize weakly	the mesh cap of Medicine bottle is not clean	Clean the Medicine bottle ,if still not work properly, change a new one
	the electrodes of the Medicine bottle is not clean with liquid or Medicine	Clean the electrodes and start
	the electrodes of the Medicine is not clean	Clean the electrodes and start
	The Medicine Bottle is not properly installed.	Make sure the Medicine Bottle is properly installed
The power indicator Flashes 1 second and	Without Medicine in bottle	Fill the Medicine Bottle with the proper amount of prescribed Medicine
turn off	Medicine is not connected with the mesh cap	Adjust the nebulizer angle and connect with the Medicine
	the electrodes of the Medicine is not clean	Clean the electrodes and start
	The batteries have not been inserted properly	Replace the batteries correctly
	The battery is very low	Replace the new battery and turn the device on
	Mobile Charger and the device are not properly connected	Properly connect and turn the device on
The power indicator does not light, and	Low voltage indicator constantly illuminate, battery power is very low	Replace the new battery, and turn the device on
the device not nebulize	The mesh of of the medicine bottle is broken	Replace of new medicine bottle before filling Medicine
	The electrodes of medicine bottle have Medicine or water	Clean Medicines or water, turn the device on
	the electrodes of the medicine bottle is not clean	Clean the electrodes, turn the device on
	The mesh of Medicine bottle is blocked with dirt	Clean medicine bottle, if still can't use, replace the new Medicine bottle
	The Medicine Bottle is not properly installed	Make sure the Medicine Bottle is properly installed and turn the device on
The device automatically shut	Medicines has been run out	Fill the Medicine Bottle with the proper amount of prescribed Medicine
down in use	Medicines did not contact with the mesh above 10 seconds	Adjust the angle of the device Medicine to connect with Medicine
	strong wave or vibrate the device in use	Hold the device securely
	medicine bottle cannot be used	Replace of new medicine bottle before filling Medicine
	Certain Medicines may produce some foam in the Medicine bottle	Press the START/STOP button to turn the device off, and clean the foam
Medicine is running out but the device	The electrodes of medicine bottle have Medicine or water	Press the START/STOP button to turn it off, and clean the remaining Medicines or water
cannot automatically power off	the medicine bottle or electrodes is not clean	Press the START/STOP button to turn it off, and clean the electrodes
	The Medicine bottle has something wrong	Purchase and replace a new medicine bottle
The Medicine of medicine bottle is leaking	medicine bottle is broken or plastic aging	Replace of new medicine bottle before filling Medicine

^{*} If you have tried the above solutions, and the device still cannot normally nebulize, suggest to contact your dealer.

Chapter 8 Marks and Symbols

C € ₀₁₂₃	CE mark	SN	Serial number
X	Separate collection		Date of manufacture
6	See the Instruction		Manufacturer
†	BF type application part	EC REP	European union representative
I	Notice		Power Indicator
۵	Low Liquid Indicator		Low Voltage Indicator
IP22	Waterproofing Grade		Environment-friendly Use Period

Chapter 9 Product Specification

Name	Mesh Nebulizer	
Model	YS35	
Dimensions	45mm(L)×63mm(W)×123mm(H)	
Power Source	DC 3V(2"AA"Alkaline Battery) Or AC adapter(Input:100~240V,50/60Hz; Output:DC3~5V,1~2A)	
Safety Grade	BF	
Power Consumption	Approx.1.5W	
Vibration Frequency	120KHz±10%	
Nebulization Rate	≥0.2ml/min	
Medicine Temperature	≤41°C	
Working Voice	≤50dB	
Particle Size	5μm±25%	
Medicine Capacity	8ml maximum,0.5ml minimum	
Battery Life	Nebulize continuously approximately an hour and a half. The device can be used for approximately 4 days if operating for 20 minutes a day by 2 "AA" Alkaline Battery.	
Guarantee Time	Main Unit 2 Years (medicine bottle not included); Medicine Bottle 3 Months	
Operating Temperature	Environmental Temp:10 °C~40°C, Relative Humidity: ≤80% R.H. , not in Coagulation situation Air Pressure: (86.0~106.0)kPa	
Storage Temperature	Environmental temperature: -20 ℃-55℃ Relative Humidity: ≤80%R.H. Air Pressure: (70.0~106.0)kPa	
Accessory	Adult Mask、Child Mask、 Mouth Piece、 Lithium Battery (Option)、 Instruction Manual、Certification、Warranty Card、Carry Pouch	

Chapter 10. Guidance and manufacturer's declaration-electromagnetic emissions

Item	Applied standard	Result		
Emission Measurement				
Radiated emission	IEC 60601-1-2:2014 CISPR11:2009+A1:2010	PASS		
Conducted disturbance	IEC 60601-1-2:2014 CISPR11:2009+A1:2010	Not applicable		
Harmonic current emission (harmonic)	IEC 60601-1-2:2014 IEC 61000-3-2:2005+A1:2008+A2:2009	Not applicable		
Voltage fluctuations & Flicker (Flicker)	IEC 60601-1-2:2014 IEC 61000-3-3:2013	Not applicable		
	Immunity Measurement			
Electrostatic discharge	IEC 60601-1-2:2014 IEC 61000-4-2:2008	PASS		
RF field strength susceptibility	IEC 60601-1-2:2014 IEC 61000-4-3:2006+A1:2007+A2:2010	PASS		
Electrical fast transients/burst test	IEC 60601-1-2:2014 IEC 61000-4-4:2012	Not applicable		
Surges test	IEC 60601-1-2:2014 IEC 61000-4-5:2005	Not applicable		
Conducted susceptibility test	IEC 60601-1-2:2014 IEC 61000-4-6:2013	Not applicable		
Power-frequency magnetic field susceptibility test	IEC 60601-1-2:2014 IEC 61000-4-8:2009	PASS		
Voltage dips and interruptions test	IEC 60601-1-2:2014 IEC 61000-4-11:2004	Not applicable		



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