

# **Handy Ultrasonic Nebulizer**

## **Operations Manual**

**Model: KCW – 1S**

**KCW – 1SB**

**KCW – 2S**

**KCW – 2SB**

## **Thank you for purchasing the model KCW Handy Series ultrasonic Nebulizer!**

The model KCW Handy Series ultrasonic Nebulizer has features not equal by any other nebulizer in the market today. It has a small power requirement as to save power consumption, low noise, convenient small housing, and the most powerful output of superfine nebulized particle.

\*When use it, check whether the rating complies with the rating of your local power supply.

### **• Check accessories attached to this unit**

## **Operating KCW Handy Series ultrasonic Nebulizer!**

### **• Before use make sure that the unit is properly cleaned first**

Unpack the nebulizer and take out the main unit, mouthpiece and mask. Always use the following procedures to carry out cleaning and disinfecting:

1. Disengage the main unit from the nebulizing chamber by firmly holding the main unit with one hand and the nebulizing chamber with the other hand .
2. Place clean water inside the nebulizing chamber and shake well to clean follow the same procedure with 75% alcohol to disinfect
3. Always replace the water on the main unit after each treatment. (Make sure that water on the main unit has a 10-mm water line from the top edge of the main unit.)
4. The above-described procedures of cleaning and disinfecting should out after each treatment.

### **• Assembling after cleaning and preparations before use**

1. Fill in the water tank in the main unit with clean tap water ;make sure that the water level is at 10mm below the top edge of the main unit **.DO NOT USE DISTILLED OR PURIFIED WATER, FOR THIS WILL HINDER THE TRANSMISSION OF ULTRASONIC VIBRATION TO THE NEBULIZING CHAMBER IMPORTANT!!!**

**DO NOT OPERATE NEBULIZER WITHOUT PLACING WATER IN THE BATH ,FOR THIS WILL RESULT IN PERMANENT DAMAGE TO THE UNIT**

2. KCW-1S KCW-1SB

Hold the nebulizing chamber with one hand and align the “I” on the nebulizing chamber with the “▲” on the main unit To attach press down on the top of the nebulizing chamber and turn the nebulizing chamber left . Until the “o” on the nebulizing chamber aim at “▲” on the main unit .

### **• Filling medication and other connections before use**

1. Slide the medication opening port to allow you to pour in the medication. pour in only the recommended amount by your doctor.
2. This unit is accompanied by a mouth piece and a mask attach this to the jet nozzle as the treatment procedure may require.
3. To operate insert the 24 (12)volt DC jack to the main unit power port. to shut off simply pull out the jack from the power port on the main body.

4. When a smooth stream of mist comes out ,you are now ready to use your new nebulizer.

• **Trouble shootings**

If the nebulizer does not nebulize, or only very weakly, check the following .

1. Use the power supply that complies with the rated voltage and frequency of the power supply for the unit. And ensure good connections.(The main unit for this model is powered by a 24 volt DC.And the wall plugged adapter is 220VAC,and has a out put of 24(12)V,DC.)
2. Make sure that the level of amount of medication does not clog up the hose supplying air in the nebulizing chamber.
- 3.Also check the hose for clogging by blowing up air to it.you may also do this on the air supply port on the main body,as water may have gone inside due to over amount of water poured on the water bath on the main body.
4. Check also if sufficient amount of water is in the water bath.

(thewater level on the bath should have a 10 mm allowance below the top edge of the water bath on the main unit)

IMPORTANT:too much water may result to overflow to the air supply port to low water may hinder transmission of ultrasonic vibration to the nebulizing chamber.

• **Charging of DC power supply device**

The AC power supply device provided with the unit is used to charge the DC power supply device. Insert the output plug of the AC power supply device into the charging jack of DC power supply device, and it will take about 150 minutes to have an automatic full charge and be ready for treatment. If it is not used for treatment immediately, it will be changed over automatically to the trickle charge to cure the battery that will not affect the service life.

• **Limited Warranty**

**What your warraty covers:**

Any defect in material or workmanship for how long long after your purchase