



The Complete Nebuliser System for Small Animals

## INSTRUCTIONS FOR USE



## Intended Use

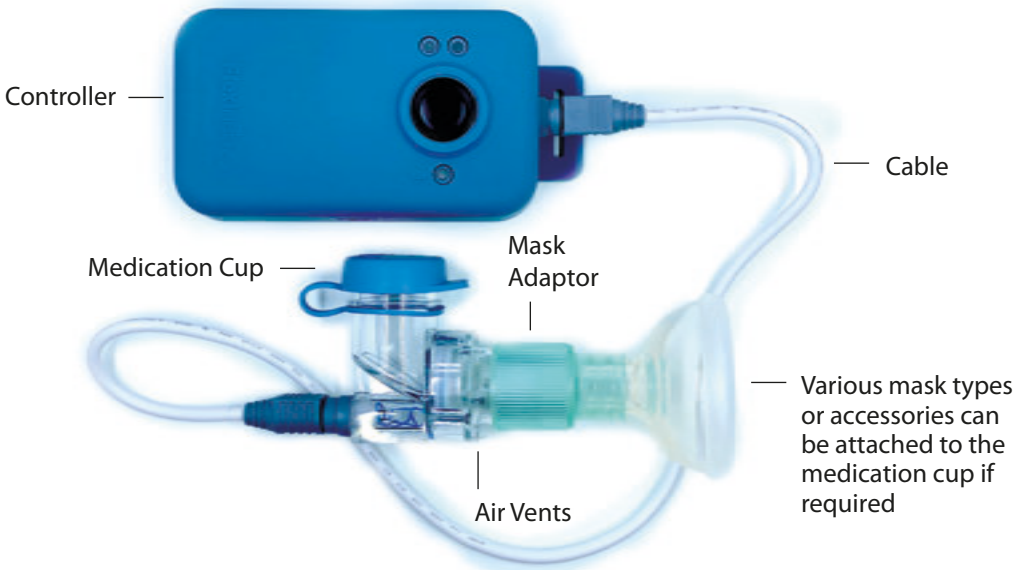
For Veterinary Use Only. The **FlexinebC2** Small Animal Nebuliser is intended to aerosolize veterinarian prescribed liquid solutions into a fine mist for inhalation into the airways of small animals. The end user is liable for the safe operation of the **FlexinebC2** as outlined in the Instructions for Use. Medications must be prescribed by a veterinarian and end users must always follow the advice of their veterinarian.

## Safety Information

When using the **FlexinebC2** Small Animal Nebuliser for the first time remember it is the first time for your pet too, so caution is advised. Ensure the air vents in the medication cup are never sealed off. Position the **FlexinebC2** close to the nose and mouth ensuring your pet can breathe normally. If your pet resists the device be patient and let them look at it and smell it before attempting to try again. Use the **FlexinebC2** nebuliser in a ventilated area when nebulising drugs. To protect yourself it is advisable to wear a facemask to avoid passive inhalation of medicated aerosols that may escape during use.

## Instructions for Use

1. Assemble the **FlexinebC2** as shown in Figures 1 or 2 depending on the application
2. Place medication or normal saline 0.9% into the cup following the advice of your veterinarian
3. Switch on the Controller, select power level one for handheld use and level two for Cage Use. Level two provides more power to help fill a cage or for nebulising high viscosity medications.
4. Nebulisation will begin after a few seconds and a fine mist will be visible
5. If handheld, hold the nebuliser close to your pets' nostrils so they can inhale the fine aerosol mist
6. If attached to a cage, cover the cage openings to prevent aerosol escaping during use
7. The Controller will auto turn off after 35 minutes if left on or turn it off manually by pressing the button.
8. Clean the device after use, refer to the instructions in the Maintenance and Cleaning section.



**Figure 1: Handheld Use (mask optional)**



**Figure 2: Clinic Cage or Pet Carrier Attachment Use**

## **Technical Information:**

### **Flow Rate:**

Typically ~0.3 ml/min with 0.9% NaCl solution. The flow rate is very dependent on the drug used.

### **Aerosol Droplet Size:**

The **FlexinebC2** produces a high volume of aerosol droplets in the respirable range <5microns.

The aerosol droplet size is dependent on the drug used.

### **Medication Cup Volume:**

The medication cup will hold 10ml of liquid but is expandable to 30ml using a plug-in extension cup accessory. The controller has a 35-minute timer function to accommodate longer treatment times when used with the extension cup and attached to a cage door for example.

### **Battery Power:**

Battery Type: 3.7V Li-polymer rechargeable battery.

Use the Nortev supplied battery only.

Use of another type of battery may present a risk of fire or explosion.

Operating Time: >3 hours from fully charged.

### **Battery Charging:**

Power supply 5Vdc/1A and USB Cable with USB-A to Micro USB-B connection.

A fully discharged battery can take up to 2 hours to reach full charge.

### **Environmental Conditions:**

Operating: 5°C to 45°C and up to 95% RH

Storage and Transportation: -20°C to +45°C and 15% to 95% RH

## Controller Functions:

### Operation LEDs 1 & 2:

Select power level 1 for handheld use or low viscosity solutions. Select power level 2 for cage use or high viscosity solutions.

To change between power levels, press the ON button again when the LED is flashing at start-up. Once the Power Level LED stops flashing the power level is set and nebulisation will begin soon after.

### Flashing Green then

### Constant Red & Powers

**Off:** Indicates an open circuit somewhere or an internal error. Check all connections.



On/Off and  
Power Level  
Select Button

### Battery Status LED:

#### Blinking Green:

Charger plugged in and charging

**Solid Green:** fully charged

#### Amber or Red:

during operation means the battery needs re-charging.

### Micro-USB Input

### Socket:

Plug in here to charge the battery or to update the software if updates are released.

Figure 3: C2 Controller

# Maintenance and Cleaning

## Medication Cup – **CAUTION:**

To avoid damaging your medication cup please note the following cautions before cleaning;

- Do not immerse the Medication Cup in water, cleaning, or disinfectant solutions.
- Do not steam autoclave or boil the Medication Cup.
- Do not nebulise or put chemical cleaning solutions inside the Medication Cup.
- Do not touch or press on the metallic mesh in the Medication Cup.

The Medication Cup is a replaceable part therefore for continuity of treatment, it is highly recommended to carry spare Medication Cups.

### **Cleaning:**

It is very important to wash out any drug residues after each use to prevent cross contamination and prolong the life of the vibrating mesh in the Medication Cup. Protect the electrical connector from getting wet when cleaning by using the protective cap provided. Open the Blue Cap and place 1-2 drops of mild hand dishwashing liquid (do not use dishwasher detergent) into the Medication Cup and fill with clean warm tap water. Close the Blue Cap and shake the Cup vigorously for about 15 seconds and squeeze the Blue Cap to push water through the mesh whilst shaking. Open the Blue Cap and rinse out from both sides with clean water. Shake off excess water and dry off before re-use.

### **Disinfection:**

Use a disinfectant spray or disinfectant wipes according to the manufacturer's instructions. Shake off and allow dry on a clean surface before re-use.

## **Masks and Adaptors Cleaning:**

Accessories such as Masks and Adaptors can be washed using clean warm tap water with some dish washing up liquid. Rinse off with warm clean tap water and dry off before re-use.

## **Disinfection:**

To disinfect use a disinfectant spray or disinfectant wipes according to the manufacturer's instructions. Shake off and allow dry on a clean surface before re-use.

## **Controller Cleaning:**

To maintain the function of the controller it must be used and stored in dry conditions. To maintain the battery function, it must be charged when the battery charge runs low. Clean the controller surfaces using a clean damp cloth, disinfect by wiping down with anti-bacterial wipes.

## **Warranty**

Controller (excluding battery), Cables, Charger: 24 months. Battery: 6 months. The Medication Cup is a wearing part, and its' life is dependent on drugs nebulised and how well it is maintained therefore it is not covered by warranty. Damage caused by improper handling or misuse is not covered by warranty.

## **Compliance**

**FlexinebC2** Small Animal Nebuliser complies with the essential requirements of all relevant European Directives and Harmonised Standards.

## Product Support

Check out [www.flexineb.com](http://www.flexineb.com) website for product information updates.

Email [technicalsupport@nortev.com](mailto:technicalsupport@nortev.com) for product support.



Nortev, Galway, Ireland

MS-347 Rev.01

