



GIMA

PROFESSIONAL MEDICAL PRODUCTS

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AEROSOL AD ULTRASUONI PINGOO PINGOO ULTRASONIC NEBULIZER ULTRASCHALL AEROSOL PINGOO NÉBULISEUR ULTRASONIQUE PINGOO NEBULIZADOR POR ULTRASONIDOS PINGOO

Manuale d'uso
User manual
Gebrauchsanweisung
Manuel de l'utilisateur
Guía de Uso



ATTENZIONE: Gli operatori devono leggere e capire completamente questo manuale prima di utilizzare il prodotto.
ATTENTION: The operators must carefully read and completely understand the present manual before using the product.
ACHTUNG: Die Bediener müssen vorher dieses Handbuch gelesen und verstanden haben, bevor sie das Produkt benutzen.
AVIS: Les opérateurs doivent lire et bien comprendre ce manuel avant d'utiliser le produit.
ATENCIÓN: Los operadores tienen que leer y entender completamente este manual antes de utilizar el producto.

REF 28117



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0476



INDICE • CONTENTS • INHALT • TABLE DES MATIERES • INDICE

Italiano	4
English	8
Deutsch	12
Français	16
Español	20



IT - Smaltimento: Il prodotto non deve essere smaltito assieme agli altri rifiuti domestici.

Gli utenti devono provvedere allo smaltimento delle apparecchiature da rottamare portandole al luogo di raccolta indicato per il riciclaggio delle apparecchiature elettriche ed elettroniche. Per ulteriori informazioni sui luoghi di raccolta, contattare il proprio comune di residenza, il servizio di smaltimento dei rifiuti locale o il negozio presso il quale è stato acquistato il prodotto. In caso di smaltimento errato potrebbero venire applicate delle penali, in base alle leggi nazionali.

GB - Disposal: The product must not be disposed of along with other domestic waste.

The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment. For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased.

If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.

DE - Entsorgung: Das Produkt darf nicht mit dem anderen Hausmüll entsorgt werden.

Der Benutzer muss sich um die Entsorgung der zu vernichtenden Geräte kümmern, indem er sie zu einem gekennzeichneten Recyclinghof von elektrischen und elektronischen Geräten bringt.

Für weitere Informationen bezüglich der Sammelpunkte, bitten wir Sie, Ihre zuständige Gemeinde, oder den lokalen Müllentsorgungsservice oder das Fachgeschäft, bei dem Sie das Gerät erworben haben zu kontaktieren. Bei falscher Entsorgung könnten Strafen, in Bezug auf die gültigen Landesgesetze erhoben werden.

FR - Élimination des déchets d'EEE: Ce produit ne doit pas être jeté avec les ordures ménagères.

Les utilisateurs doivent remettre leurs appareils usagés à un point de collecte approprié pour le traitement, la valorisation, le recyclage des déchets d'EEE. Pour obtenir plus d'informations sur les points de collecte des équipements à recycler, contactez votre mairie, le service local de collecte et de traitement des déchets ou le point de vente du produit.

Toute personne contrevenant aux lois nationales en matière d'élimination des déchets est passible de sanctions administratives.

ES - Eliminación: El producto no ha de ser eliminado junto a otros residuos domésticos.

Los usuarios tienen que ocuparse de la eliminación de los aparatos por desguazar llevándolos al lugar de recogida indicado por el reciclaje de los equipos eléctricos y electrónicos. Para más información sobre los lugares de recogida, contactar el propio ayuntamiento de residencia, el servicio de eliminación de residuos local o la tienda en la que se compró el producto. En caso de eliminación equivocada podrían ser aplicadas multas, en base a las leyes nacionales.

THREE-YEAR WARRANTY

The device has a tree-year warranty against any possible manufacturing fault. Warranty becomes effective starting from purchase date.

What do in case of failure?

1. Put the device into its original box, and take it back to the retailer where you have bought it, togheter with a copy of the warranty certificate.
2. The device will be sent to the official distributor for technical controls.
3. If the device present manufacturing faults and has not been damaged by improper use, the retailer will provide you with a new device.

INTRODUCTION

Your PINGOO Ultrasonic Nebulizer should be used under the supervision of a licensed physician and/or a respiratory therapist.

Thank you for purchasing a PINGOO Ultrasonic Nebulizer. Whit proper care and use, your Nebulizer will provide you with many years of reliable treatments. Your PINGOO Ultrasonic Nebulizer has been designed to offer compact, portable and lightweight (under 1 lb.) convenience while receiving inhalation treatments. This unit requires ordinary tap or distilled water and your physician-prescribed medication to create an effective high frequency mist. Treatments can be admistered discreetly thanks to advanced ultrasonic technology making your Nebulizer virtually silent during operation. An easy airflow volume control with triple setting allows full control of treatment levels as recommended by your physician and/or respiratory therapist. This unite operates on standard AC power or an optional battery pack.

Treatment are delivered quickly, safety and conveniently making this unit ideal for all ages.

We encourage you to thoroughly read this guidebook to learn about the features of your PINGOO Ultrasonic Nebulizer. Together with your physician and/or respiratory therapist, you can feel comfortable and confident knowing that you are obtaining the most effective inhalation treatments for your respiratory condition.

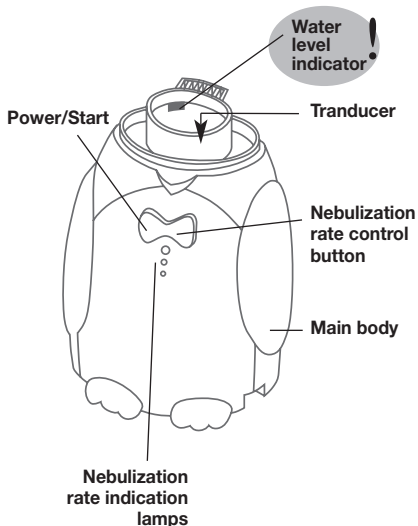
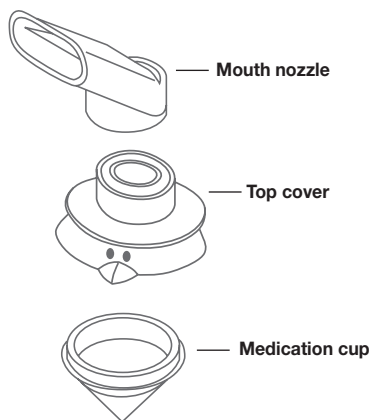
PRODUCT CAUTIONS

Please use general safety precautios when operating your PINGOO Nebulizer. This unit should be used only for (1) its intended purpose and described in this guidebook, and (2) whit medications only under the supervisionanf instruction of your physician.

READ THE FOLLOWING BEFORE USING

- To avoid electrical shock: Keep unit away from water.
- Do not handle the unit or power cord whit wet hands.
- Do not immerse the AC adapter or unit in liquid.
- Do not use while bathing.
- Do not reach for an unit that has fallen into waterimme- diately unplug the unit.
- Do not use the unit if it has any damaged parts (includ- ing power cord or plug), if it has been submersed in water or dropped. Promptly send the unit for examina- tion and repair.

PRODUCT IDENTIFICATION



- The unit should not be used where flammable gas, oxygen or aerosol spray products are being used.
- Keep the air vents open.
- Do not place the unit on a soft surface where the openings can be blocked.
- If the water tank or medicine cup is empty, do not attempt to operate the unit.
- If any abnormality occurs, discontinue use until the unit has been examined and repaired.
- The unit should not be left unattended while plugged in.
- Do not use solution other than water in the tank. It may damage the transducer.
- Do not tilt or shake the unit when in operation.
- Opening the top cover during operation may cause a severe injury.
- Disconnect the unit from the electrical outlet before cleaning, filling and after each use.
- Do not use attachments unless recommended by the manufacturer.
- The unit should not be used for more than 20 minutes at a time.
- Wait 30 minutes before reusing the unit.

Operating Caution

- Keep your eyes away from the output of medication mist.
- Charge the water after each use.
- Dilute dense medications or medication volume 2 ml. or less with distilled water or saline solution to obtain a volume of at least 4 ml.
- Do not use this unit while operating a vehicle.
- If any discomfort or abnormality occurs, stop using the unit immediately.

Storage Cautions

- Do not store the unit in direct sunlight, high temperature or humidity.
- Keep the unit out of reach of small children.
- Always keep the unit unplugged while not in use.

Cleaning Cautions

- Check the medication cup, mouth nozzle and air filter before each use. Dirty or worn parts should be replaced.
- Do not immerse the unit in water. It may damage the unit.
- Disconnect the unit from the electrical outlet before cleaning.
- Clean all necessary parts after each use as instructed in this guidebook.

CLEANING PROCEDURE

It is important to clean your PINGOO Nebulizer before the first time it is used and after each use.

Remember: Disconnect the unit from the electrical outlet and never immerse the unit in the water.

Cleaning the parts:

The mouth nozzle, nose piece, extension tube, mask, top cover, medicine, airflow cover, fan and air filter should be cleaned with a mild detergent or commercially available disinfectant. Thoroughly rinse each part and allow to

completely air dry before using.

Cleaning the main unit:

The main unit should be cleaned with a soft cloth moistened with a non abrasive cleanser and water.

OPERATING YOUR NEBULIZER

Follow the previous cleaning instruction prior to using your PINGOO Ultrasonic Nebulizer for the first time or after it has been stored for an extended period.

Remember: Always disconnect the main unit from the electrical outlet before cleaning and filling and after each use.

To fill the water tank



Fig. 1

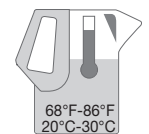


Fig. 2

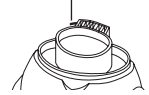


Fig. 3

1. Remove the top cover by pulling straight up **Fig. 1**. Remove the medicine cup if applicable.
2. Select either tap or distilled water* that has a temperature range of 68°F - 86°F (20°C-30°C), **Fig. 2** *Distilled water is preferred.
3. Fill the water tank with tap or distilled water to the indicated level (between the 2 lines located inside the water tank). **Fig. 3**

Remember: Do not use solution other than water in the tank. It may damage the transducer - Fill to the correct level.

Note: The use of cool water (below 68°F or 20°C) will result in a lower rate of nebulization. The use of warm water (above 86°F or 30°C) will result in a higher rate of nebulization.

To fill the medicine cup

1. Place the medicine cup inside the water tank.
2. Pour the medicine directly into the medicine cup.
3. Replace the top cover.

Remember:

- The maximum capacity of the medicine cup is 4.5 ml. and should not be overfilled.
- Dilute dense medications or medication volumes 2 ml. or less with distilled water or saline solution to obtain a volume of at least 4 ml.
- Only use medications under the instructions of your physician.

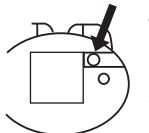


Fig. 4

To connect the AC adapter

1. Insert the adapter plug into the unit's AC port, **Fig. 4**.
2. Plug the adapter into a standard AC outlet.

To start the unit

1. Place the unit on a solid, flat, dry surface making sure that the water tank and medicine cup have been properly filled and the mouth nozzle is properly attached to the top cover.

2. Press the start button.

Note:

- Your unit has been designed to automatically output the highest level or airflow.
- The Airflow Volume Indicator Light will illuminate at the highest setting.

To adjust the airflow, and nebulizer rate



Fig. 5

1. Your Ultrasonic Nebulizer has 3 airflow setting: Maximal, Medium and Minimum.
2. Based on instruction from your physician and/or respiratory therapist, press the Nebulization rate control button to adjust the airflow volume. The Airflow Volume Indicator Light will show the level (Maximal, Medium or Minimum) selected, **Fig. 5**.

3. The Transfer Cone located inside the Transducer enhances the level is too strong, the cone should be carefully removed after the unit has completely cooled. Restart the unit and resume treatment.

To begin a treatment

1. Follow the instruction provided by your physician and/or respiratory therapist.
2. Your Nebulizer is designed to start at a lower atomization rate in the beginning and will become stronger after a few minutes.

Remember:

- Keep your eyes away from the output of medication mist.
- If any discomfort or abnormality occurs, stop using the unit immediately.
- Do not tilt or shake the unit when in operation ..
- Opening the top cover during operation may cause a severe injury.

To end a treatment

1. When the treatment has ended, press the power button to shut off the unit. Otherwise, your unit will automatically shut off after approximately 10 minutes of continuous use.
2. Unplug the adapter from the outlet and detach the adapter plug from unit's AC port.
3. Allow the unit to cool - approximately 20-30 minutes.

Remember:

- The unit should not be used for more than 20 minutes at the time.
- Wait 30 minutes before reusing the unit.

After every use

1. Allow the unit to completely cool.
2. Remove the top cover.
3. Carefully remove the medicine cup and pour remaining medication.
4. Empty the water tank.
5. Wipe out the water tank and transducer with a soft, lintfree cloth.
6. Follow the cleaning procedures provided in this guidebook.

TROUBLESHOOTING

If any abnormality occurs during use, please check and correct the following:

Unit does not operate when power button is pressed:

- Check the Ac adapter connection to the outlet and/or check the AC plug to the unit's AC port.
- Check that the water tank is filled to the correct level.
- If using with optional battery pack, check that the battery is completely charged. Check that the battery is mounted correctly to the unit.

No misting or low rate of misting

- Check that there is medication in the medicine cup.
- Check the medication cup for damage.
- Check that the transducer is clean.

Replacement Parts

Replacement parts are available through your local retailer or they can be ordered by mail, See separate replacement part of list for details.

Your PINGOO Ultrasonic Nebulizer can operate with the use of a rechargeable battery when AC power is not available. The life of the battery life will vary depending on usage, storage and charging conditions.

To charge the battery

1. Plug the adapter into standard AC outlet.
2. Insert the adapter plug into the unit's AC port, **Fig. 1**

Note:

- For first time use or after storing the battery for a period time, charge the battery at least 24 hours, and thereafter 4 to 12 hours depending on the length of usage.

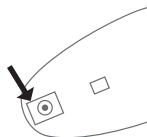


Fig. 1

- A fully charged battery will last for 30-40 minutes of continuous use.
- To prolong the life of the battery, the charging current is designed at the minimum level. Therefore, it is recommended to charge the battery after each use and let it charge overnight.

To use the battery

1. Insert the battery's plug into nebulizer's power receptacle. **Fig.1**.
2. Begin the use the Nebulizer as described in the Operating Your Nebulizer section of this guidebook.
3. If the nebulizer's indication lamp changes to red color, it indicates that the battery is low voltage condition and needs to be charged.
4. After use, dispose excess medication and water before disconnecting the battery.
5. Always remove the battery from nebulizer whenever not in use.

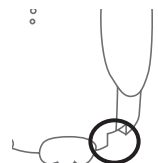
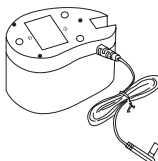


Fig. 1



Battery Caution

- Do not use the battery with equipment other than your PINGOO Ultrasonic Nebulizer, or attempt to modify it for other use.
- Do not store the battery in direct sunlight, high temperature or high humidity.

- Avoid placing the battery on metal or wet surfaces or inside a metal box. This may short-circuit the battery positive and negative contact causing the battery to heat up or explode.



Product Specifications













NAME AND MODEL NUMBER	PINGOO Ultrasonic Nebulizer
POWER	100-240 VAC, 50-60HZ
POWER CONSUMPTION	Approximately 10W
ULTRASONIC FREQUENCY	2.5 MHz
NEBULIZATION	3 speed adjustable ≥ 0.2 ml/min
PARTICLE SIZE	5 μ m MMAD
MEDICINE CUP CAPACITY	Approximately 5ml
TIMER	Approximately 10 minutes
DIMENSIONS	12.5 cm x 6 cm x 8 cm
WEIGHT	Approximately 185g
ACCESSORIES	Mouth piece, extension tube, pediatric nose piece, pediatric mask, 5 reusable medication cups, 220/240-12 VDC transformer, pick-up bag
TRANSPORT AND STORAGE CONDITION	-10°C to 70°C, 0% to 90% RH



Optional Battery Specifications

NAME AND MODEL NUMBER	PINGOO Ultrasonic Nebulizer Rechargeable Battery
BATTERY TYPE	Ni-Cd
BATTERY VOLTAGE	12V DC
CHARGING CURRENT	60-90 mA
CHARGING TIME	Minimum 24 hours first time; 4-12 hours thereafter depending on usage
CAPACITY	600m AH/ 12VD (30-40 minutes continuous use)
OPERATING TEMPERATURE	0°C-45°C
STORAGE TEMPERATURE	-18°C-45°C
DIMENSIONS	8,3 cm x 5 cm x 5 cm
WEIGHT	Approximately 245g

Symbols

	Product complies with European Directive		Product code		WEEE
	Read instructions carefully		Manufacturer		Keep in a cool, dry place
	Please read instructions carefully		Date of manufacture		Keep away from sunlight
	Lot number (see box / package)		Type BF applied part		Class II applied



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