

-Efficient respiratory therapy

-Low noise operation

-Ergonomic handle

-Easy holding design

-Tubing holder design

-Hidden storage for electrical cord

-Portable design

-Includes: 2 Nebulizing sets – 2 (Medications Cup,

SAFETY INFORMATION

Mask Pediatric, Mask Adult, mouth piece,

Extension Tube, Air Filters)

INTRODUCTION

Thank you for purchasing the deep200 compressor nebulizer. This product was developed for the successful treatment of asthma, allergies and other respiratory disorders. The compressor forces air and mixes it to the prescribed medication. It converts medication into aerosol of microscopic droplets to be easily inhaled Your **deep200** comes with the following components:

Compressor (main unit), 2 Nebulizer sets (each includes: Medication Cup, Child mask, Adult mask, Mouthpiece, Extension tube, Air filters), and English instruction manual One set has a variable flow Cup which delivers extra fine particles size, the second set comes with a consistent flow,

delivers very fine particles at a rate of 5,2ml/min. Such ensures the use of the deep200 for all the family ages and for maximum coverage of any affected zone of the

respiratory tract.

Instructions below are limited to one of the 2 sets. It can be extended to the second set.

The deep200 is a medical use device. Operate this device only as instructed by your physician and/or licensed

SAVE THESE INSTRUCTIONS

To assure the correct use of the product, basic safety measures should be carefully respected including the warnings and cautions listed in this instruction manual

SAFETY SYMBOLS USED IN THIS INSTRU CTION MANUAL		
WARNING	Indicates a potentianlly hazardous situation which, if not avoided, could result in death or serious injury.	
CAUTION	Indicates a potentially hazardous situation which, if nlt avoided,may result in minor or moderate injury to the user or pstient or damage to the equipment or other property.	

For the dose and Type of medication follow the instructions of your physician or licensed healthcare practitioner

Pentamidine is not an approved medication for use with this device.

Do not block the ventilation slots located on the sides of the device. Do not place the device where the ventilation slots may be obstructed during operation. This could result in the compressor overheating or malfunctioning. Do not cover the compressor with a blanket, towel or any other type of cover during use, this could result in the compressor overheating or malfunctioning.

Do not use the device where the device may be exposed to flammable gas or vapors.

Do not use tap or mineral water in the nebulizer for nebulizing purposes. Clean and disinfect the nebulizer set, mouthpiece and optional masks before using them for the first time after purchase. If the device has not been used for a long period of time, clean and disinfect the nebulizer set, mouthpiece and optional masks before using them.

Always dispose of any remaining medication in the medication cup after each use. Use fresh medication each time you use the device.

Provide close supervision when this device is used by, on, or near infants, children or compromised

Do not insert any object into the compressor.

Make sure the air filter is clean. If the air filter has changed color or has been used for more than 60 days, replace the filter.

SAFETY INFORMATION

OPERATING THE DEVICE (contionued)

Make sure the nebulizer set is correctly assembled, the air filter is properly installed, and the air tube is correctly connected to the compressor and the nebulizer set. Air may leak from the air tube during use if not

Inspect the compressor (main unit) and the nebulizer set each time before using the device. Make sure no parts are damaged, the nozzle and air tube are not blocked, and the compressor operates normally Do not use the device if the air tube is bent.

Do not block the air filter cover. Do not alter the nozzle in the medication cup or any part of the nebulizer set. Do not add more than 5ml of

Do not alter the nozzle in the medication cup or any part of the nebulizer set. Do not add more than 5ml medication to the medication cup.

Do not operate the device at temperatures greater than +104°F (+40°C).

Do not tilt the nebulizer set so the angle of the set is greater than 45°. Medication may flow into the mouth. Do not shake the nebulizer while using the device.

Do not subject the compressor or any of the components to strong shocks, such as dropping on the floor. This device is approved for human use only.

Do not disassemble or attempt to repair the device or components.

Operate the device only as intended. Do not use the device for any other purpose.

Dispose of the device, components and optional accessories according to applicable local regulation.

Dispose of the device, components and optional accessories according to applicable local regulations. Unlawful disposal may cause environmental pollution.

Use only authorized parts and accessories. If they are not approved for use with the device, they might democratic the unit.

SAFETY INFORMATION

RISK OF ELECTRICAL SHOCK

Do not plug or unplug the power cord into the electrical outlet with wet hands.

Do not immerse the compressor (main unit) in water or other liquids. Do not spill water or other liquids on the compressor and power cord.

The compressor and power cord are not waterproof. If liquid spills on these parts, immediately unplug the power cord and wipe off the liquid with gauze or other soft absorbent material.

Do not use or store the device in humid locations, such as a bathroom. Use the device within the operating temperature and humidity.

Do not use a cellular phone near the device. It may result in an operational failure.

Do not overload power outlets. Plug the device into an outlet with the appropriate voltage.

Do not use extension cords. Plug the power cord directly into the electrical outlet. Unplug the power cord from the electrical outlet after using the device.

Unplug the power cord from the electrical outlet before cleaning the device.
MAINTENANCE AND STORAGE

Keep the device out of the reach of unsupervised infants and children. The device may contain small parts that can be swallowed. Do not leave the cleaning solution in the nebulizer parts. Rinse the nebulizer parts with clean hot tap water

after disinfecting.

Wash the nebulizer parts after each use. Dry the parts immediately after washing.

Do not store the air tube with moisture or medication remaining in the air tube. This could result in infection as a result of bacteria.

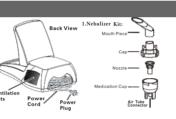
Do not carry or leave the nebulizer with medication in the medication cup.

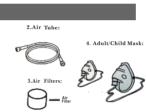
Do not place or attempt to dry the device, components or any of the nebulizer parts in a microwave oven.

Do not wrap the power cord around the compressor (main unit).

KNOW YOUR UNIT







PREP ARING THE NEBULIZER FOR USE

Clean and disinfect the nebulizer set, mouthpiece, and optional masks before using them for the first time after purchase.

WARNING If the device has not been used for a long period of time, clean and disinfect the nebulizer set, mouthpiece and optional masks before using them.

CAUTION

Make sure the air filter is clean. If the air filter has changed color or has been used for more than 60 days, replace the filter.

1. Turn the power switch off. Make sure the power switch is the "O" position.

2. Unplug the power cord3. Change the filter.

4. Plug the power cord back into the electrical outlet. WARNING

Do not plug or unplug the power cord into the electrical outlet with wet hands. CAUTION

Do not overload power outlets. Plug the device into the appropriate voltage outlet. CAUTION

Do not use extension cords. Plug the power cord directly into the electrical outlet. 5. Lift up the mouthpiece from the nebulizer set.

6. Rotate the cap counter clockwise (A) and lift (B) to remove the cap from the 7. Lift up the nozzle and remove it from the medication cup.

CAUTION

Do not alter the nozzle in the medication cup or any part of the nebulizer set. 8. Add the correct amount of prescribed medication to the medication cup. WARNING

Pentamidine is not an approved medication for use with this device.

WARNING

For medication type and dose, follow the instructions of your physician or licensed healthcare practitioner.

Do not spill water or other liquids on the compressor and power cord. The compressor and power cord are not waterproof. If liquid spills on these parts, immediately unplug the power cord and wipe off the liquid with gauze or other soft absorbent material. WARNING

Do not use tap or mineral water in the nebulizer for nebulizing purposes CAUTION

Do not add more than 5ml of medication to the medication cup.

9. Place the nozzle back into the medication cup. Make sure the nozzle is correctly positioned cap in the medication cup.



10. Place the cap on the medication cup over the baffle. The top of the nozzle should be centered in the cap. 11. Align the protrusion on the inhalation top with the indentation on the medication cup as illustrated (A). Turn the inhalation top clockwise until securely closed (B).

12. Attach the desired inhalation accessory

Using the child and adult mask

Attach the mask to the cap.





Do not block the ventilation slots located

on the sides of the compressor. Do not

cover the compressor with any type of over during use. Place the device where

the ventilation slots are not obstructed

during use.

AC 210-235V~: 50Hz

ATTACHING THE AIR TUBE

1. Push the air plug on one end of the air tube onto the air connector on the top side of the compressor (A). 2. Push the air plug on the other end of the air tube onto the air tube connector on the bottom of the nebulizer set (B). Note: KEEP the nebulizerset upright when attaching the air tube. Medication mayspill out of the medication cup.



Make sure the nebulizer set is correctly assembled, the air filter is properly installed, and the air tube is correctly connected to the compressor and the nebulizer set. Air may leak from the air tube during use is not securely connected.

CAUTION

3. Use the nebulizer set holder as a temporary holder for the nebulizer set. WARNING Do not use the device where the device may be exposed to flammable gas or vapors.

Do not use or store the device in humid locations such as bathroom. Use the device within the



Provide close supervision when this device is used by, on, or near infants, children or compromised individuals

Do not use a cellular phone near the device. It may result in an operational failure. CAUTION

Inspect the compressor (main unit) and the nebulizer parts each time before using the device. Make sure no parts are damaged, the nozzle and air tube are not blocked, and the compressor operates normally 1. Hold the nebulizer set as illustrated on the right.

Do not tilt the nebulizer set so the angle of the set is greater than 45°. Medication may flow into the mouth

Do not shake the nebulizer while using the device.







USING THE DEVICE

WARNING Do not store the air tube with moisture or medication remaining in the air tube. This could result in infection as a result of bacteria.

directions below: 1- Make sure the air tube is still connected to the air connector on the top side of the compressor

CAUTION Unplug the power cord from the electrical outlet after using the device

CLEANING AFTER EACH USE

Following the cleaning instructions after each use will prevent any remaining medication in the bottle from drying resulting in the device not nebulizing effectively and will help prevent infections. WARNING

Always dispose of any remaining medication in the medication cup after each use. Use fresh medication each time you use the device.

6. Rinse all the parts of the nebulizer set and the mouthpiece with hot tap water. Remove the parts after the wash and rinse cycle is completed. 7. Rinse the mask with hot tap water. 8. Hand dry or air dry in a clean environment using a soft, clean, lint-free cloth. 9. Assemble the nebulizer set and store the nebulizer set in a dry place.

The nebulizer set should be replaced every 6 months.

2. Turn the power switch on. The power switch is the (1) position.
Note: the compressor starts. Nebulization begins and aerosol is generated.
Turn the power switch to the Off (O) position to stop nebulization.
WARNING

Do not block the ventilation slots located on the sides of the device. Do not place the device where the ventilation slots may be obstructed during operation. This could result in the compressor overheating or malfunctioning.

WARNING

Do not cover the compressor with a blanket, towel or any other type of cover during use. This could result in the compressor overheating or malfunctioning.
Do not block the air filter cover.
3. Inhale medication as instructed by your physician or licensed healthcare practitioner.
USING THE MOUTHPIECE

USING THE MOUTHPIECE
Insert the mouthpiece into your mouth. Inhale medication breathing normally. Exhale normally through the mouthpiece.
USING THE CHILD MASK OR THE ADULT MASK
Place the mask over the nose and mouth. Pull the elastic strap over the head. Gently pull on the strap to securely hold the mask over the nose and mouth. Inhale the medication.

4. Turn the power switch off. The power switch is in the (O) position. The compressor turns off and nebulization stops. Disconnect the air tube from the nebulizer set. Hold the air plug and gently pull down to disconnect the air plug from the air tube connector on the bottom of the nebulizer set. Check the air tube. No condensation or moisture should remain in the air tube.



If any condensation or moisture remains in the air tube, remove the moisture from the air tube. Follow the

2- Turn the power switch on. The power switch is in the (1) position. The compressor will start and pump air through the air tube to expel the moisture.

3- Turn the power switch off 4- Disconnect the air tube from the compressor. Hold the air plug and gently pull the air plug off the air connector on the top side of the compressor. 5- Unplug the device from the electrical outlet.

Wash the nebulizer parts after each use. Dry the parts immediately after washing. 1. Remove the inhalation accessory (mouthpiece and mask) from the nebulizer set. 2. Disconnect the air tube from the

nebulizer set. 3. Gently twist the cap counter clockwise and lift the to separate the nebulizer cup into two sections. 5. Discard remaining medication in the medication cup.

> Keep the device out of the reach of unsupervised infants and children. The device may contain small parts that can be CAUTION

You can disinfect daily by soaking the parts in a vinegar solution or using a commercially available medical disinfectant. If your physician or respiratory therapist specifies a different cleaning procedure, follow their instructions.

VINEGAR METHOD

Remove the inhalation accessory (mouthpiece and mask) from the nebulizer set.
 Disconnect the air tubing from the nebulizer set.

. Wash all the parts of the nebulizer set, the mouthpiece or mask in warm water and a mild detergent. Rinse in hot tap water.

8. Remove the parts and discard the solution. Rinse the parts with hot tap water. . Hand dry or air dry in a clean environment using a soft, clean, lint-free cloth.

10. Assemble the nebulizer set and store the nebulizer set in a dry sealed bag. WARNING

ication has spilled on the air filter, replace with a new air filter immediately . Pull the air filter cover to remove from the top side of the compressor.

Do not attempt to wash or clean the air filter. Damp air filters can cause blockages. Do not substitute cotton or any other material for the air filter. Wash the air filter cover regularly to prevent any blockage in the cover. Do not boil

3. Insert a new air filter into the air filter cover.

CARING FOR THE DEVICE

To keep your device in the best condition and protect the unit from damage, follow these directions CAUTION

Do not subject the compressor or any of the components to strong shocks, such as dropping on the floor. CAUTIOŇ

cleaners. Dry the casing immediately using a soft clean cloth. Do not immerse the compressor (main unit) in water or other liquid. CAUTION

Do not disassemble or attempt to repair the device or components.

PROBLRM CAUSE **SOLUTION** Turn the power switch off. Plug the The device is not plugged into an ower plug into an electrical outlet. Turn No power on unit when the he device on power switch is turned on No medication in the medication cup. Add the correct amount of medication to Too much or too little medication in the medication cup. the medication cup. The nozzle is not placed in the Make sure the nozzle is correctly positioned in the medication cup. medication cup or incorrectly positioned. The nebulizer set is not correctly Make sure the nebulizer set is correctly ssembled. ssembled, and the inhalation accessory is correctly attached. The nozzle is blocked. Clean and disinfect the nebulizer set to remove the blockage. Hold the nebulizer set correctly. Do not tilt The nebulizer set is tilted at an No nebulization or low the nebulizer set so the angle of the set is ncorrect angle. greater than 45 degrees. nebulization rate when the Make sure the air tube is correctly attached power is on. The air tube is incorrectly attached. to the compressor and the nebulizer set The air tube is bent or damaged. The Make sure the air tube is not bent, kinked or locked. Inspect the air tube for any damage. air tube is blocked. Replace the air tube if damaged Attach the air filter cover correctly. The air filter cover is incorrectly The device is abnormally loud. Make sure the air filter cover is not attached blocked.

The ventilation slots are

blocked.

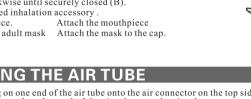
SPECIFICATIONS

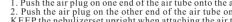
The device is very hot.

Power

Current	0.8A	
Sound level	≤65 dB (A) (1 meter away)	
Compressor pressure range	23 – 58Psi (150-400KPa)	
Operating pressure range	9.5 – 19psi (65-130KPa)	
Litre flow range	≥6.7L/Min	
Operating temperature range	5°C ~ 40°C (41°F ~ 104°F)
Operating humidity range	15% ~ 80% RH	
Storage temperature range	-25°C ~ 60°C ((-13°F to 140°F)
Dimension	280 x 210 x 100mm	
Weight	1.47kg	
Use life	5 years	
Standard accessories	Variable flow Nebulizing Cup, air tube, adult mask, child mask, mouthpiece, filters (5)	Consistent Flow Nebulizing Cup, air tube, adult mask, child mask, mouthpiece, filters (5)
Medication Cup capacity	8 ml	8 ml
Particle size	MMAD 1.30 ± 0.11 μm, Φ≤5μm more than 92%	MMAD 1.96 \pm 0.07 μ m, Φ <5 μ m more than 85%
Average nebulization rate	0.17 to 0.51ml/min	0.52 mL/min (0.9% saline water)

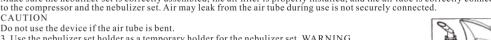
(0.9% saline water)













DAILY DISINFECTING

Disinfect the nebulizer set and the mask after last treatment of the day. Make a solution of 1-part white vinegar and 3-parts distilled water. Make enough solution to submerge the parts.

4. Gently twist the cap counter clockwise and lift to separate the nebulizer set into two sections. . Remove the nozzle

Submerge the parts in the white vinegar and distilled water solution for 30 minutes

Store the device and the components in a clean, safe location MEDICAL DISINFECTANT METHOD Consult your physician or respiratory therapist regarding the use of medical disinfectant cleaners. Carefully follow the instructions supplied by the manufacturer of the medical disinfectant.

CHANGING THE AIR FILTER Change the air filter every 60 days even if the air filter does not appear dirty. If the air filter appears dirty, or if water or

Remove the dirty filter with a small pointed object.

Make sure the cover is dry before inserting the new air filter. Before inserting the new air filter, make sure the air filter is clean and free of dust. Do

not operate the device without the air filter. Use only the V.MAX air filter designed for this device. 4. Put the air filter cover back on the compressor

Use only V.MAX authorized parts and accessories. Use only V.MAX authorized parts and accessories.

<u>CLEANING THE COMPRESSOR</u>

Clean the casing of the main unit by using a soft cloth moistened with water or a mild detergent. Do not use abrasive

Unplug the power cord from the electrical outlet before cleaning the device CAUTION Do not insert any object into the compressor.
CAUTION Do not wrap the power cord around the compressor (main unit). Store the device in a safe, clean location. Do not store the device in extreme hot or cold temperature, high humidity or in direct sunlight

Do not carry or leave the nebulizer with medication in the medication cup. AUTHORIZED SERVICE Contact your local agent/dealer for warranty and repair services. There are no user serviceable parts. Unauthorized service will void the user warranty.

