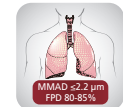


Heavy Duty Piston Nebulizer

Model: NB500

- MMAD $\leq 2.2 \mu\text{m}$; Fine Particle Dose (FPD): 80-85%
- Consistent fine particle size for efficient respiratory treatment
- Patented Valve Adjustable nebulizer bottle (VAT)
- Low noise with silencer and vibration-absorber design
- Fine ventilation design to ensure heavy duty use
- Powerful piston compressor
- Mouthpiece and masks for adult and child included
- Built-in nebulizer holder



Efficient Treatment



Heavy Duty

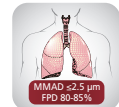


Fine Ventilation Design

Compact Piston Nebulizer

Model: NB80

- MMAD $\leq 2.5 \mu\text{m}$; Fine Particle Dose (FPD): 80-85%
- Consistent fine particle size for efficient respiratory treatment
- Compact size (14 x 10 x 7 cm)
- Patented Valve Adjustable nebulizer bottle (VAT)
- Very low noise with silencer and vibration-absorber design
- Mouthpiece and masks for adult and child included
- 12V adaptor included



Efficient Treatment



Patented Bottle

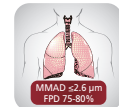


Low Noise

Super Mini Piston Nebulizer

Model: NB60

- MMAD $\leq 2.6 \mu\text{m}$; Fine Particle Dose (FPD): 75-80%
- Consistent fine particle size for efficient respiratory treatment
- Patented Valve Adjustable nebulizer bottle (VAT)
- Mini pump technology
- Very compact (13.5 x 8.8 x 5.4 cm) and light weight (302g)
- Low noise and quiet
- Mouthpiece and masks for adult and child included
- 12V adaptor included



Efficient Treatment



Mini Pump



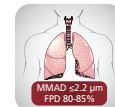
Low Noise

Piston Nebulizer

Model: NA100

- MMAD $\leq 2.2 \mu\text{m}$; Fine Particle Dose (FPD): 80-85%
- Consistent fine particle size for efficient respiratory treatment
- Patented Valve Adjustable nebulizer bottle (VAT)
- Low noise with silencer and vibration-absorber design
- Powerful piston compressor
- Mouthpiece and masks for adult and child included
- Built-in compartment for accessories

Patent Nos :
CN: ZL 2012 2 0443597.3
Other patents pending



Efficient Treatment



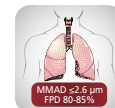
Patented Bottle

Piston Nebulizer

Model: NE100

- MMAD $\leq 2.6 \mu\text{m}$; Fine Particle Dose (FPD): 80-85%
- Consistent fine particle size for efficient respiratory treatment
- Powerful piston compressor
- Mouthpiece and masks for adult and child included
- Economic design
- Built-in nebulizer holder

Patent Nos :
CN: ZL 2013 3 0528746.6
Other patents pending



Efficient Treatment



Mouthpiece and Masks

Aero Spacer (Valved Holding Chamber)

Model: AS175

- High efficiency one way valve for easy inhalation and exhalation
- Universal Backpiece, can be used with all commonly prescribed Metered Dose Inhalers
- Anti-static spacer improves the delivery of MDI by inhibiting the adherence of drug to spacer wall
- Soft and flexible silicone mask provides comfortable touch and reliable seal
- Portable design & easy holding
- Easy disassembled and reassembled for cleaning
- Mouthpiece cap can protect the mouthpiece from dirt and debris when the device is not in use
- This product contains no latex and BPA free.
- Small, medium & large facemask to cater to the different needs
- Small facemask: 0-18 months
- Medium facemask: 12 months – 5 yrs.
- Large facemask or mouthpiece: 5 yrs. +
- Chamber volume: 175ml
- For single patient use only



AS175 with Cap



AS175 with L-size Mask



AS175 with M-size Mask



AS175 with S-size Mask

Peak Flow Meter

Model: PF120A / PF120C

- Compact, lightweight and portable
- Built-in flexible three –zone management system
- Easy- to- read numbers
- Measurement Range 60-800 L/min (PF120A, Adult); 50-400 L/min (PF120C, Child)
- Accuracy and repeatability assurance
- Suitable for use with disposable mouthpiece
- Washable
- EN ISO 23747 : 2009 compliance
- CE approval



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OBM_OP_NB_EN_ver1546

Respiratory Solutions

INHALATION



Patent Nos :
CN : ZL 2012 2 0443597.3
: ZL 2012 3 0508716.4
VN : 18929
PH : 3-2012-000915
IQ : 829
Other patents pending


Technologies




Valve Adjustable Technology
Controllable nebulization rate at consistent particle size

The proprietary adjustable valve is able to deliver medications of different viscosity level according to every user's conditions without exchanging parts.

The Valve Adjustable Technology (VAT) bottle allows users to adjust different levels of Nebulization rate 0.08 (closed) / 0.5 (fully opened) ml/min at consistent particle size. Higher nebulization rate (fully opened) is for higher viscosity medications and higher breathing capacity user while lower nebulization rate with closed valve will be more appropriate for kids/infants with lower breathing capacity. VAT is recommended for respiratory disorders such as Chronic Obstructive Pulmonary Disease (COPD) and asthma as well as intensive use in general.



Low nebulization rate 0.08 ml/min (closed) will be appropriate for kids/infants with lower breathing capacity.



High nebulization rate 0.5 ml/min (fully opened) is for higher viscosity medications and higher breathing capacity user.

The Valve Adjustable Technology (VAT) bottle with different levels of nebulization rate (0.08/0.5 ml/min) **produces consistent particle size less than 2.6 µm.**

Valve adjustable	Neb. Rate(cc/min)	MMAD
Closed	0.08	2.12~2.32
Fully-opened	0.5	1.96~2.20


Technologies




Consistent Particle Size
For efficient respiratory treatment

The average particle size of our nebulizer with VA Technology is around 2.07µm (MMAD), and FPD (Fine Particle Dose) is above 81% tested by Cascade Impactor which ensures more efficient and effective treatment. Please review the table below:


Aerosol Performance Tested with 0.9% saline			
Cascade Impactor		Malvern Spraytec	
MMAD	FPD	Dv(50)	FPD
2.07µm	81.39%	3.12µm	79.51%
FPD: Fine particle dose, the percentage of particle size less than 5.0 µm * Tested by NB500			



Malvern Spraytec : Laser diffraction-based particle sizing method



Cascade Impactor : Mechanical impact-based particle sizing method



Low Noise
With silencer and vibration-absorber design

Possibly the low dB value among the compressor nebulizers. All the noise and vibrations are significantly reduced via the unique silencer and vibration-absorber design.


Model Name	NB80	NB500	NA100
Noise Level	≤53dB	≤55dB	≤55dB

Technologies




Nebulizer kit
For varieties of respiratory treatment

N1




1. Lung Periphery Treatment
2. VA Technology
3. Neb Rate : 0.08~0.5 ml/min
4. MMAD ≤ 2.2 µm

N3




1. Lung Periphery Treatment
2. Trigger/Breath Enhance Technology
3. Less Drug Waste and Environment Pollution
4. Neb Rate : 0.25 ml/min
5. MMAD ≤ 3.0 µm

N4



1. Lung Periphery Treatment
2. Neb Rate : 0.35 ml/min
3. MMAD ≤ 2.6 µm

N5



1. Lower Respiratory Tract Treatment
2. VA Technology
3. Neb Rate : 0.1~0.6 ml/min
4. MMAD : 5.0~10.0 µm

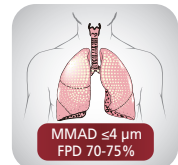
Technologies

Portable Mesh Nebulizer

Model: NC300

- MMAD ≤4 µm; Fine Particle Dose (FPD): 70-75%
- Consistent fine particle size for efficient respiratory treatment
- Handheld design (4.2 x 14.9 x 5.6 cm)
- Patented Mesh Technology
- Noise level as low as 40dB
- Mouthpiece and masks for adult and child included
- Compatible with rechargeable batteries
- 2 AA alkaline batteries included
- 6V adapter included

Patent Nos :
TW: D140727
Other patents pending



Efficient Treatment



Patented MESH Technology



Virtually Noiseless



Masks



Rossmax Mesh nebulizer is built with patented technology. The Mesh nebulizer uses electricity to vibrate a piezo that moves liquid formulations through a mini aperture plate to generate very fine aerosol medication for respiratory treatment. The battery operation, the portable design and the very quiet performance make Rossmax Mesh nebulizers very convenient and effective.

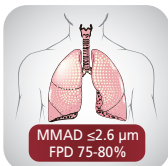
Mesh

Handheld Piston Nebulizer

Model: NH60

- MMAD ≤2.6 µm; Fine Particle Dose (FPD): 75-80%
- Consistent fine particle size for efficient respiratory treatment
- Patented Valve Adjustable nebulizer bottle (VAT)
- Mini Pump Technology
- Handheld and tubeless design
- Low noise and quiet
- Very compact (6.3 x 6.4 x 15 cm)
- Mouthpiece and masks for adult and child included
- 12V adaptor included

Patent Nos :
CN: ZL 2012 2 0443597.3
ZL 2014 2 0665741.7
ZL 2014 3 0410956.x
ZL 2014 2 0665562.3
TW: M497533 / M497532
Other patents pending



Efficient Treatment



Mini Pump



Patented Bottle



Low Noise Design



Handheld Design



The mini pump is a brand new design for small portable nebulizer. The components of the pump are the highest quality and manufactured by Rossmax Japan. Moreover, the pump is tailor-made which means that the pump's characteristics and functionality can be set and adjusted to meet nebulizer specifications.

Piston Compressor