

AEROECLIPSE® XL BAN™ Nebulizer and Ombra® Portable Compressor

Complete delivery systems for true *on-demand* therapy

- ✓ **Dose assurance**¹ - breath actuation only produces aerosol on inhalation so medication is conserved that would otherwise go to waste
- ✓ **Greater lung deposition**² - more aerosolized medication is delivered to the lungs compared to a conventional small volume jet nebulizer
- ✓ **Reduction in potentially harmful emissions**³ - substantially reduces exposure of caregivers and family members

*The AEROECLIPSE® XL BAN™ Nebulizer is a single-patient use device, reusable for 6 months.

Breath actuated technology makes more medication available to your lungs as opposed to the air around you

Unlike breath enhanced nebulizers that continuously produce aerosol, the AEROECLIPSE® XL BAN™ Nebulizer conserves medication between breaths or if you need to take a break in your treatment (for example if you need to rest or talk)



AEROECLIPSE® XL BAN™ NEBULIZER /
OMBRA® PORTABLE COMPRESSOR



PARI LC† SPRINT BEN / PARI BOY†
MOBILE S COMPRESSOR

SALBUTAMOL⁴

Fine Droplet Fraction _{<4.7 μm}	68.1 %	52.0 %
Respirable Dose	474 μg	344 μg

Fine Droplet Fraction is the percentage of a dose that, because of its size, deposits in your lung.

Respirable Dose = Total Mass Delivered x Fine Droplet Fraction

2.5 mL fill of 1.0 mg/mL salbutamol (Ventolin[®]); tidal volume = 600 mL; inspiratory:expiratory ratio = 1:2; breaths per minute = 10; n = 5 devices/group. The AEROECLIPSE® XL BAN™ Nebulizer was operated in breath actuated mode. BEN = breath enhanced nebulizer.

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AeroEclipse™ XL

BAN™ Nebulizer

OMBRA®

Compressors

Designed with patients in mind

AeroEclipse[®] XL

BAN[™] Nebulizer

- ✓ Single-patient use, reusable for 6 months
- ✓ Disassembles into just 4 parts for easy cleaning and disinfection
- ✓ Dishwasher safe
- ✓ Disinfection by boiling,[‡] electronic steam disinfectant,[‡] microwave steam bag, 70% isopropyl alcohol,[‡] bleach, Milton,[‡] Dodie,[‡] Control III,[‡] Cidex,[‡] or vinegar

[‡] Meets US Cystic Fibrosis Foundation guidelines for cleaning and disinfection[‡]

Refer to the [instructions for use](#) for additional information.

OPEP = oscillating positive expiratory pressure



Green feedback button moves down as you inhale to encourage slow, deep breath

Mouthpiece can be removed and replaced with a mask

Exhalation valve directs exhaled breath away from your face and eyes



ComfortSeal[®] masks contour gently to the face providing a secure and comfortable fit. Available in small, medium and large sizes. 6 months, reusable



Aerobika[®] OPEP device can be attached for combined treatment

OMBRA[®] Portable Compressor System

- ✓ Powered by 12V DC car adaptor, wall outlet or battery (included)
- ✓ Integrated nebulizer cup holder for added convenience
- ✓ Travel friendly carrying case keeps your treatment accessories organized
- ✓ Includes compressor, rechargeable lithium ion battery, 3 AC adaptors (Type A 120 V, Euro Plug 230 V, G Plug 230 V – UK), 12V DC car adaptor, one **AEROECLIPSE[®] XL BAN[™]** Nebulizer with mouthpiece and tubing, six air filters, carrying case and owner's manuals



TECHNICAL SPECIFICATIONS

Electrical Requirement	120 - 230 Volt
Weight With Battery	340 g (0.75 lb) 568 g (1.25 lb)
Dimensions (L, W, H) With Battery	12.6 cm x 9.1 cm x 5.6 cm (5 in x 3.6 in x 2.2 in) 12.6 cm x 9.1 cm x 8.1 cm (5 in x 3.6 in x 3.2 in)
Sound Level	60 dB(A)
Operating Time with Battery	Approximately 40 minutes
Compressor Part Number	10551293008



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Designed and
Developed in Canada

Manufactured in Canada with
Canadian and imported parts.

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LEARN MORE

References 1. Suggitt, J. et al. Respiratory Drug Delivery 2014;3:573-576. (This study used the **AEROECLIPSE[®] XL BAN[™]** Nebulizer with the **Ombra[®]** Table Top Compressor); 2. Corcoran, T. et al. Respiratory Care 2019;64(10):3225-3238. (This study used the **AEROECLIPSE[®] XL BAN[™]** Nebulizer); 3. Nagel, M. et al. Respiratory Drug Delivery 2021;11:287-292. (This study used the **AEROECLIPSE[®] XL BAN[™]** Nebulizer); 4. Malpass, J. et al. European Respiratory Journal 2012;40(9):1748-1755. (This study used the **AEROECLIPSE[®] XL BAN[™]** Nebulizer); 5. Salmán, L. et al. Cystic Fibrosis Foundation Guideline. Infection Prevention and Control Guideline for Cystic Fibrosis; 2013 Update. Infection Control and Hospital Epidemiology. 2014;35(5):511-567. 2011-126-001 Rev B - trade marks and registered trade marks of TruMed International (TMI). † trade marks and registered trade marks of their respective companies. © TMI 2020, 2022. All rights reserved.