

## Aerogen® Ultra

(Currently known as the Aerogen Solo Adapter)

More than twice the medication in half the time

- No extra flow required
- Totally silent
- Quick & easy to set up



With the NEW Aerogen Ultra, the time to deliver aerosolised drugs is halved, ensuring that patients can be stabilised quickly and efficiently.

The time to deliver a standard dose is just 4.4 minutes compared to 8.8 minutes for a traditional small volume nebuliser (SVN).<sup>1</sup>

Clinical research also shows that the Aerogen Ultra achieves superior lung deposition of 35% compared to just 8% for SVN's.<sup>2</sup>

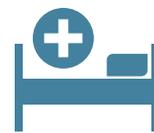
With more control you can be sure that the dose prescribed is the dose delivered.

### Optimum patient care throughout the hospital

High performance aerosol drug delivery for solutions, suspensions, proteins and peptides at all stages of patient care.



High Dependency Unit

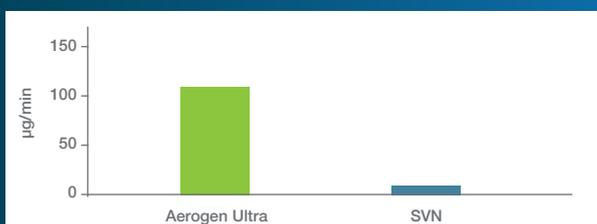


Wards



Adults to Paediatrics

### Rate of Medication Delivery in a COPD model



1. Hickin S, Mac Loughlin R, Sweeney L, Tatham A, Gidwani S. Comparison of mesh nebuliser versus jet nebuliser in simulated adults with chronic obstructive pulmonary disease. Poster at the College of Emergency Medicine Clinical Excellence Conference. 2014

Performance Characteristics			
MMAD*	Residual Volume	Respirable Dose**	
1-5µm	Average <0.1mL for 3mL dose	35% <sup>2</sup>	* MMAD: Mass Median Aerosynamic Diameters (micrometers) as measured with Andersen Cascade Impactor.  ** Calculated respirable dose with mouthpiece & no added flow

2. Ari A, Dornelas de Andrade AF, Sheard M, Fink J. Performance comparisons of jet and mesh nebulisers with mouthpiece, aerosol mask and valved mask in simulated spontaneously breathing adults. Presentation Abstract at the American College of Chest Physicians 2014



## How does it work?

Our unique palladium vibrating mesh technology, Aerogen Vibronic® is a breakthrough in aerosol drug delivery and is at the heart of all our products.

The central aperture plate is just 5mm in diameter and is perforated with 1000 precision formed holes, that vibrate at 128,000 times per second, to produce the optimum particle size for deep lung penetration.

## Product features

The Aerogen Solo provides high performance aerosol drug delivery.



An ergonomic valved mouthpiece controls the flow of air through the chamber, maximising the aerosol delivery.

Interchangeable with all standard aerosol / valved face masks.



Innovative chamber design provides an aerosol reservoir for optimum drug delivery.

Oxygen port enables optional delivery of O<sub>2</sub>.



Powered by Aerogen Pro-X Controller or the Aerogen USB Controller for intermittent use.



Powered by the Aerogen Pro-X Controller for continuous use or the Aerogen USB Controller for 6 hour mode.

## Contact Us

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