

Profile



High Performance Disposable Sidestream Nebuliser

- Short Nebulisation Time – 2.5ml within 7 mins
- High Drug Deposition – 80% below 5 microns
- Repeatable Performance – Consistency Guaranteed

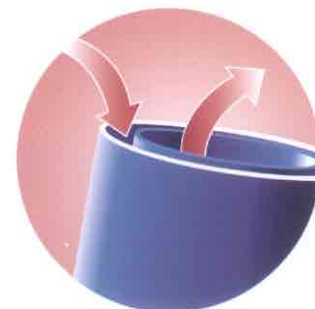
Sidestream[®]

Profile's Sidestream is a highly efficient drug delivery nebuliser with minimal wastage.

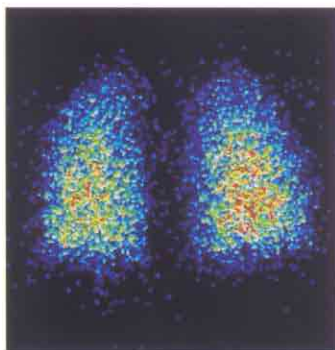
Profile's Sidestream can be used to nebulise all commonly prescribed bronchodilators for respiratory conditions. Aerosol drug effectiveness depends on the quality of its delivery to the lungs. Sidestream achieves 80% of output volume below the critical 5 microns, maximising each dose.

Sidestream produces a flow rate of 16 l/min by utilising a venturi, which draws in room air. This boosts output, reduces treatment time and improves patient compliance.

Unlike many other nebulisers, Sidestream will provide consistent drug delivery time after time. Which make Profile's Sidestream nebuliser, the choice for aerosol drug delivery.

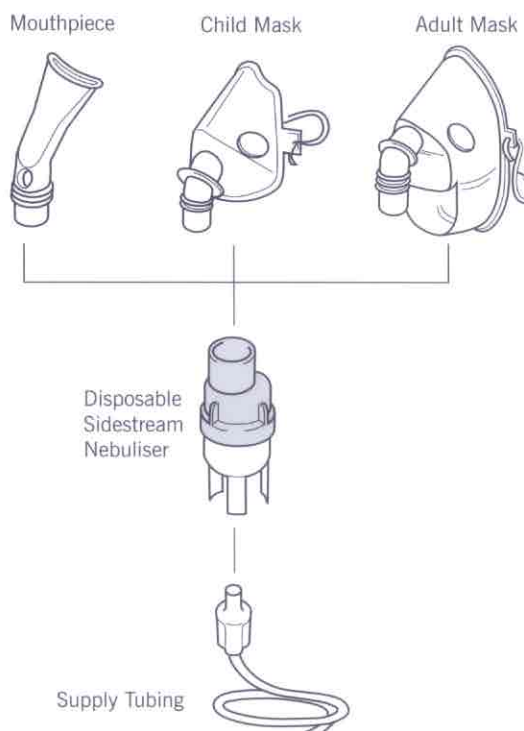


By utilising a Venturi, Sidestream produces a flow rate of 16 l/min



80% of the aerosol reaches the lungs

Sidestream Configurations



Profile

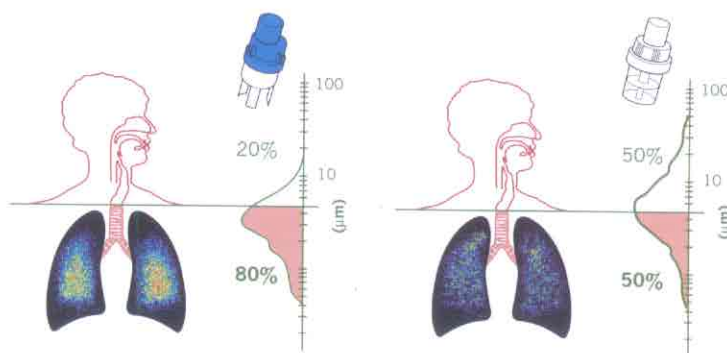
human
systems

Flow Rate (L/min)	Total Flow (Venturi open L/min)	% O ₂ Concentration*	Output (g/min)	% Particles < 5 μ	Respirable Output (g/min)	Time For Delivery of 2.5ml (min)	Mass Median Diameter (μ m)
6	16	50	0.37	80	0.3	6.7	3.0
8	22	50	0.46	85	0.39	5.4	2.75
6	6	100	0.25	50	0.125	10	5

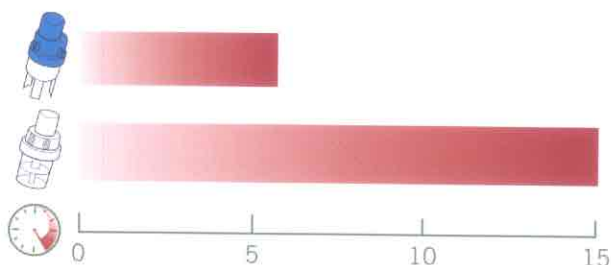
*When operated from an O₂ driving source



The respirable output of the Sidestream is increased by more than 140% compared to the traditional nebulizer.



This illustration, shows the percentage of respirable output to the Sidestream compared to that of a traditional nebulizer.
Ref: Collis G.G. et al. Lancet 1990: 336:341



Innovative jet design producing
consistently high quality aerosol

Sidestream®

Ordering Information

	Profile Part No.	Description	NHS Code
	4445	Disposable Sidestream Nebuliser	FDE697*
	1100	Adult Mask	FDD006*
	1120	Child Mask	FDD005*
	1601	Angled Mouthpiece	FDE514*
	1020	Tubing (1.8m)	FDE079*
	4446	Disposable Sidestream Nebuliser, Adult Mask, Tubing	FDE819*
	4447	Disposable Sidestream Nebuliser, Child Mask, Tubing	FDE780*
	4448	Disposable Sidestream Nebuliser, Angled Mouthpiece, Tubing	FDE000*

* NHS Part No. (For Northern Ireland, Scotland and Wales please refer to the local catalogue)

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