

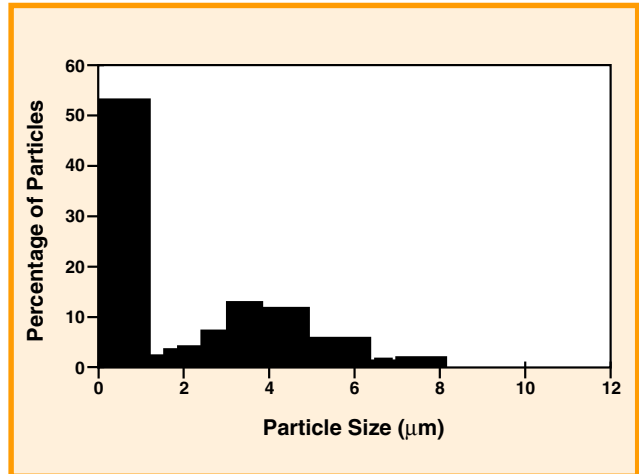
Nebulizers



- Low particle sizes (100% of the particles are below 10 μm)
- No solution warming required
- Recommended for nebulizing drugs sensitive to ultrasonics

This aerosol jet nebulizer requires an operating pressure of approximately 1.5 bar (22 psi) from a compressed air source. All of the particles generated by the jet nebulizer are 10 μm or less in size with 60% of the particles being 2.5 μm or less.

The data presented below in the bar graph and table list particle sizes obtained when 5 ml of a 0.9% saline solution was nebulized with a gas inlet pressure of 1.5 bar. A special connecting block is used to attach the nebulizer to the HSE-Harvard single and double chamber plethysmographs, and are configured in a number of respiratory mechanics applications.



Size Micron	Below	Band in Micron	% in Band
10.5	100	13.6 to 10.5	0
8.19	99.7	10.5 to 8.19	0.2
6.37	98	8.19 to 6.37	1.7
4.97	92.2	6.37 to 4.97	5.8
3.88	80.9	4.97 to 3.88	11.3
3.04	68.3	3.88 to 3.04	12.6
2.40	61.5	3.04 to 2.40	6.8
1.90	57.7	2.40 to 1.90	3.8
1.52	54.5	1.90 to 1.52	3.2
1.22	52	1.52 to 1.22	2.5
		1.22 to 0	52.0

Catalog No. CGS 8288.68
Product Aerosol Nebulizer