

# Aerosol Generator 3990-04



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Aerosol Generator 3990-04 is a Laskin-Nozzle aerosol generator. It is durable, portable and reliable. Adopting corrosion-resistant materials, injecting aerosol solution (NaCl) without power supply, introducing clean compressed air at the inlet end, adjusting the concentration output according to actual needs, and can generate polydisperse aerosol particles meeting the industrial standard. When the flow rate is 810cfm (1370m<sup>3</sup>/h) and the after 20Psi (0.14Mpa) clean compressed air is connected, the polydispersion suspended particles with the concentration of 100µg/L can be generated by adjusting 1 to 6 Laskin-Nozzles.

3990-04 is an excellent choice for the filter materials and mask filtration efficiency testing industry and related equipment manufacturers. The pressure regulating filter adopts a postposition mode to improve the instrument appearance and realize random disassembly, which greatly facilitates the use of customers and the integration of the whole machine of the equipment supplier.



Model	3990 - 04
Median Diameter of Count	30.075±0.02µm
Range of Particle Diameter	0.005~10µm
Aerosol Flow	> 60L/min
Aerosol Concentration	> 100µg/L
Air Source	Clean and dry compressed air source, pressure <1MPa
Method of Occurrence	1-6 Laskin- Nozzle
Working Pressure	100~400 kPa
Operating Environment	5°C~50°C less than 95%RH (non-condensation and non-icing)
Dimensions	260 x 340(Regulator size 50mm excluded) x 265 (mm)