

# Aerosol Generator 3990-01



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Aerosol Generator 3990-01 is an aerosol generator using Laskin—Nozzle. It is rugged, durable, portable and reliable. After injecting aerosol (PAO, etc.) solution and injecting 20Psi (0.14Mpa) clean compressed air, when the flow rate is 810cfm (1370m<sup>3</sup>/h), polydispersion suspended particles with concentration of 100µg/L can be generated by adjusting 1-6 Laskin-Nozzle.

### Key Features & Benefits ▼

- ▶ The concentration of suspended particles is 10-100µg/L, which can be adjusted to meet different test requirements.
- ▶ Adjustable flow range of 50-8100cfm to meet the needs of different applications
- ▶ Various aerosol solutions optionally (PAO, DOP, Ondina EL, etc.)
- ▶ Able to work without power supply, only with compressed air
- ▶ Stainless steel shell, pressure-resistant design, no deformation due to excessive pressure
- ▶ Large-capacity cavity to ensure long-term dust loading

### Nozzle Connector ▼



### Pressure Regulating Valve ▼



Model	3990-01
Flow Range	50-8100cfm (85-13700m <sup>3</sup> /h)
Concentration Range	100µg/L@Flow 810cfm 10µg/L@Flow 8100cfm
Aerosol Solution	PAO, DOP, polydispersion (cold)
Air Source	3-18cfm(85-510L/min) @20psi(0.14MPa)
Generating Type	1-6 Laskin-Nozzle
Power Supply	Not Required
Dimensions	(280 x 270 x 250) mm
Weight	8.4kgs
Configuration	Host, Nozzle Connector, and Operating Manual
Optional	Portable Carrying Box