

# Aerosol Generator 3990-03



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3990-03 is a Laskin-Nozzle aerosol generator with built-in compressor and no need for other air supply. Durable, portable and reliable. After the aerosol (PAO, etc.) solution is injected, the power supply is turned on and the pressure is adjusted to 20 psi (0.14 MPa), and the flow rate is 50-2000 cfm (85-3400 m<sup>3</sup>/h), polydisperse suspended particles with a concentration of 10-100 µg/L can be generated by adjusting Laskin-Nozzle.

### Anti-condensation nozzle connector

3990-03 is widely used in filter unit systems with a flow rate not greater than 2000cfm (3400m<sup>3</sup>/h), such as biosafety cabinets, laminar flow hoods, negative pressure filtration units, filtration modules or removable cleaning units.



### Key Features & Benefits

-  Built-in compressor, no other air supply, power-on
-  The concentration of suspended particles is 10-100µg/L, which can be adjusted to meet different test requirements.
-  Adjustable flow range of 50-2000cfm to meet the needs of different applications
-  Various aerosol solutions optionally (PAO, DOP, Ondina EL, etc.)
-  Stainless steel shell, pressure-resistant design, no deformation due to excessive pressure
-  Large-capacity cavity to ensure long-term dust loading

Model	3990-03
Flow Range	50-2000cfm (85-3400m <sup>3</sup> /h)
Concentration Range	100µg/L@Flow 200cfm 10µg/L@Flow 2000cfm
Aerosol Solution	PAO, DOP, polydispersion (cold)
Air Source	Built-in compressor
Method of Occurrence	2 or 6 Laskin-Nozzle
Power Supply	AC100-240V 50/60Hz
Dimensions	(380 x 270 x 260) mm
Weight	18.5kgs
Configuration	Main machine, Anti-condensation Nozzle Connector and Operating Manual
Optional	Portable Carrying Box