

Aerosol Generator Model 3990-01

The Model 3990-01 is a potable compact aerosol generator, which attaching a source of clean, dry, compressed air the the filter/regulator air inlet. When it's total output at 20psi(140kPa)is diluted by 810 cfm (1376m³/h) of air, the aerosol concentration is approximately 100- μ g/l.



This aerosol generator providing a wide range of aerosol concentrations, it's recommended for testing systems with air-flows of 8,100 cfm and lower. It is ideal for workstations, small or portable clean-rooms, bio-safety cabinets, ceiling modules, or HEPA filter units in installation where an adequate supply of clean, compressed air is readily available. The generator combining with aerosol concentration tester (Photometer or Particle Counter) are used to integrity test or locate leaks in high efficiency air filtration systems by comparing the aerosol concentration between upstream and downstream of the test system.

Features

- ★ Only a supply of clean, compressed air requested for working, Electrical not required.
- ★ Three regulator valves for adjusting and control the aerosol concentration.
- ★ Rugged stainless steel constriction, comp-active and potable design, more strengthen, wouldn't out of shape under over-pressure.
- ★ 3"- sanitary outlet flange as adapter kit.

Application

- ★ Bio-safety cabinets, ceiling modules, small or portable clean-rooms, small HEPA filter units.
- ★ HEPA filter manufacturers.
- ★ Leak testing when filter installation.
- ★ Other applications for aerosol generator.



Portable Suitcase

Main specifications

Aerosol Concentration		100 μ g / L @ * 810 cfm ; 10 μ g / L @ * 8100 cfm
Source Air	Pressure	72 ~ 116psi (0.5 ~ 0.8MPa)
	Airflow	min 2.65cfm (75L/min) /nozzle @20/23 psi (0.14/0.16MPa)
Aerosol Output Range		50 ~ 8100 cfm
Aerosol Reagent		PAO-4, DOP, Ondina EL, DOS, White mineral oil, Polyethylene glycol, corn oil.
Generator Type		1 ~ 6 Laskin Nozzel
Size (L x W x H)		28cm(L) \times 27cm (W) \times 25cm (H)
Weight		8.4 kgs
Electrical		Not Required.

Packing List

Items	Quantity
Master (with potable handle)	1
Clamp	1
Silicone gasket	1
Chucking fixture (with hose fitting)	1
Hose clamp	1
Instruction Manual	1