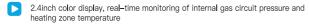


Aerosol Generator 3990-02

Aerosol Generator 3990-02

3990-02 is a thermal, large volume aerosol generator. After the aerosol solution is injected and the machine is turned on, the internal heating element rapidly changes the liquid aerosol into a vapor state, and the vapor is rapidly cooled by the aid of inert gases (such as N2, CO2 and the like) to generate polydisperse aerosol smoke to be output. Heating times of at least 2 minutes and high aerosol output are widely used for filter leak testing from small air purification units to large clean room air conditioning systems.





- High concentration aerosol output (500~70,000 cfm)
- Rapid heating system, heating time less than 2 minutes
- Oil storage space increased by 60% compared with similar products to ensure long-term dust generation.
- Mechanical liquid level gauge can display oil quantity and observe liquid level
- Suitable for various aerosol types (PAO-4, DOS/DESH...)
- Applicable to different air conditioning system flow rates

Nozzle Connector V



2.4inch Color Display







Model	3990–02
Mode of occurrence	Heat generation
Flow Range	500~70,000 cfm (833~119,000 m³/h)
Concentration Range	100mg/m3@11,900 m3/h (100µg/ I @7,000cfm)
	10mg/m3@119,000 m3/h (10µg/l@70,000cfm)
Heating Time	< 2min
Particle Size Distribution	Meets ANSI/ASME N509/510
Aerosol Solution	PAO-4, DOS/DESH, Ondina EL, DOP/DEHP, Mineral oil
Input Pressure	345 kPa (50 psi)
Capacity	1.8L
Power Supply	AC 220V 50Hz 8A
Dimensions	(430 x 140 x 360) mm
Weight	11kgs