

Aerosol Generator Model 3990-02

This is an aerosol generator with a wide range of applications, available to centralized dust production for the air purification system of all clean-rooms. Its heating and cooling time is short, and the variations of temperature and pressure can be read through a LCD display. The volume of its oil storage chamber is increased by 40% compared to that of the traditional thermal generator, thus allowing a much longer operation time. It is small in size and light in weight, portable and durable, and applicable to nuclear industry, medical treatment, medicine, scientific research institutions, etc.



Features:

- ★ Output of aerosol with high concentration;
- ★ Larger oil storage space, increased by 40% compared to traditional generator;
- ★ An external LCD display to read temperature and pressure variations in real time;
- ★ Applicable to different flow rates of air conditioning system;
- ★ 2-min rapid heating;
- ★ Multiple types of aerosol can be used.



Main specifications

Airflow range	500-70000cfm(833-119000m ³ /h)
Concentration range	10μg / L.:flow 70000cfm; 100μg / L.:flow 7000cfm
Heating time	<2-3min, operation temperature to reach 370°C
Aerosol Reagent	PAO-4、DOS/DEHS、Ondina EL、DOP/DEHP and Mineral Oil
Generation	Thermal condensation
Running time	70min
Air source	Nitrogen, Argon, Carbon Dioxide or Helium(50psi) 345kPa±70kPa
Power source	AC 120-240V 50/60Hz
Size(L x W x H)	430×140×350mm
Weight	around 10kgs