



AEROSOL GENERATOR BKF-3701

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TDA-5B AEROSOL GENERATOR



Wide airflow range (500-65,000CFM)
Adjustable dust concentration (0-100 micrograms per liter)
Large capacity dust production (unpacking can be detected for 4 hours)

SPECIFICATIONS

Model	BKF-3701
Airborne particle output range	500-65,000 cubic feet per minute
Suspended particle concentration	100 MCG/L at 6,500 cubic feet per minute flow time
Generation type	Heating chamber
Compressed air	No need
Compressed gas (inert gas)	20 cubic feet per hour at 50psi
Gas type	Particles of multiple diameters (cold)
Size	(35cm L X 25cm W X25cm H)
Weight	9.1 KG
Voltage	110 VAC / 60 Hz or 220 VAC / 50hz
Alt Name	aerosol generator

APPLICATIONS

The suspended particle generator is designed to provide excellent performance and ease of operation. It is an ideal tool for demonstrating or testing HEPA efficient filtration systems. It needs to be installed in an air flow system ranging from 500 to 65,000 cubic feet per minute, and an inert gas source and a 120/240 volt, 750 watt power supply environment.

Has control and display functions on the front panel. This is a high-capacity suspended particle generator that can operate for 4 hours without refilling.

Can produce a uniform size distribution of airborne particles, the principle is by adding a certain amount of suspended particle source liquid in a large hot area, the liquid is evaporated and recombined, at only 5 pounds of pressure, through a small amount of inert gas sent to form a variety of diameters of airborne particles. When combined with photometers such as TDA-2G or TDA-2H, TDA can provide enough suspended particles to measure filtration systems (flow rates range from 500 to 65,000 m³ / min) or concentrations of less than 100 MCG/L, increasing the sensitivity of the photometer can also test for leakage.



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