



**TEC Services, Inc.**

*Controlled Environment Products  
Calibration & Services*

## **Aerosol Generator, Model AG-A1 (Pneumatic)**



**Aerosol Generator  
Model AG-A1 (Pneumatic)**

*The AG-A1 Laskin Nozzle aerosol generator is designed especially for testing of biological safety cabinets and filter systems from 540 to 5400 cfm.*

### **Standard Features**

Heavy Duty Black Aluminum Case  
Fold Down Handle  
Adjustable Nozzle Pressure  
Pressure Gauge (0-30 psi)  
Accessible In-Line Water Trap  
Large Fill Port  
Sight Glass for Oil Level  
.75" FNPT Output w/ Adaptor  
Cabinet Designed for Component Protection

### **Technical Specifications**

Case: Black Aluminum w/ Handle  
Size: 14" L x 10" W x 9" H  
Weight: 16.5 lbs (7.5 kg)  
Compressed Air: 5.5 to 11 cfm @ 20 psi  
Reagent: PAO or equivalent  
Capacity: .75 to 1 gallon  
Testing Range: 540 - 5,400 CFM  
Aerosol Generation: 2 or 4 Laskin nozzles  
Aerosol Output @ 540 cfm: 100 ug/l  
Aerosol Output @ 5400 cfm: 10 ug/l



- The AG-A1 uses simple, easy to operate controls. The generator utilizes 4 Laskin nozzles, which provides 10ug/l of aerosol when introduced into 5400 cfm of airflow\*. This aerosol concentration is ideal for testing of HEPA and ULPA filtration systems with air volumes up to 5400 cfm.
- The AG-A1 operates on compressed air. The cabinet is designed for protection of the controls on the front panel. The in-line compressed air filter (water trap) is easily accessible for drainage and also is protected from damage due to the cabinet design.
- The AG-A1 utilizes a collapsible handle, easy to use large fill port and sight glass for viewing the oil level.

\* With 20 psi applied to the Laskin Nozzles

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