



**TEC Services, Inc.**

*Controlled Environment Products  
Calibration & Services*

## **Aerosol Generator, Model AG-E1 (Electric)**



**Aerosol Generator  
Model AG-E1 (Electric)**

*The AG-E1 Laskin Nozzle aerosol generator is a completely self-contained product (no external compressor needed) designed especially for testing of biological safety cabinets and filter systems from 203 to 2025 cfm.*

### **Standard Features**

Heavy Duty Black Aluminum Case  
Fold Down Handle  
Self Contained Operation (Electric)  
Adjustable Nozzle Pressure  
Pressure Gauge (0-30 psi)  
Spare Fuse  
Illuminated Off-On Power Switch  
Large Fill Port  
Sight Glass for Oil Level  
.75" FNPT Output w/ Adaptor

### **Technical Specifications**

Case: Black Aluminum w/ Handle  
Size: 16" L x 12" W x 11" H  
Weight: 36 lbs. (16.4 kg)  
Power: 115 VAC 60 Hz or 220VAC 50 Hz  
Reagent: PAO or equivalent  
Capacity: .5 to .75 gallons  
Testing Range: 203 – 2,025 CFM  
Aerosol Generation: 1.5 Laskin nozzles  
Aerosol Output @ 203cfm: 100 ug/l  
Aerosol Output @ 2025cfm: 10 ug/l



- The AG-E1 uses simple, easy to operate controls. The generator utilizes one and a half Laskin nozzles, which provides 10ug/l of aerosol when introduced into 2025 cfm of airflow\*. This aerosol concentration is ideal for testing of biological safety cabinets or for testing of filtration systems with air volumes less than 2000 cfm.
- The AG-E1 operates on 115 VAC\*\*; there is no separate air compressor needed for operation. The internal compressor supplies 20+ psi to the Laskin nozzles and is adjustable when lower concentrations are required.
- The AG-E1 utilizes a collapsible handle, easy to use large fill port and sight glass for viewing the oil level. The lightweight cabinet is designed to protect the front panel components thus providing enhanced portability and transport.

\* With 20 psi applied to the Laskin Nozzles

\*\* 220 – 240 VAC / 50 – 60 HZ Available

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