



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 200 to 2000 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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