



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 @ 23 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 23 psi applied to the Laskin Nozzles when using PAO or 20 psi when using DOP.

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