



TEC Services, Inc.

*Controlled Environment Products
Calibration & Services*

Thermal Aerosol Generator, Model Compact (Inert Gas)



**Aerosol Generator
Model Compact (Inert Gas)**

TEC Services is proud to become the only US and Canadian distributor of this revolutionary thermal aerosol generator manufactured by S & M Electronics Limited. The Compact thermal aerosol generator is designed especially for testing of air handler units and/or HEPA filter systems from 5,300 to 53,000 cfm.

Standard Features

Heavy Duty Silver Aluminum Case
Shoulder Strap for carrying comfort
Adjustable Pressure
Illuminated Off-On Power Switch
Large Fill Port
Sight Glass for Oil Level
Operating Instructions
Power Cord

Technical Specifications

Case: Silver Aluminum w/ Shoulder Strap
Size: 15" L x 7" W x 9.5" H
Weight: 16.5 lbs. (7.5 kg)
Power: 115 VAC 60 Hz or 220VAC 50 Hz
Reagent: PAO or equivalent
Capacity: .25 gallons
Temperature Control: Micro Processor
Warm up time from cold: App. 5 minutes
Testing Range: 5,300 – 53,000 CFM
Aerosol Output @ 5,300cfm: 100 ug/l
Aerosol Output @ 53,000cfm: 10 ug/l



- The Compact uses simple, easy to operate controls. The aerosol concentration output capacity is ideal for testing of air handler units or for testing of filtration systems with air volumes up to 53,000 cfm.
- The Compact operates on 115 VAC** and requires an external source of inert gas for operation. The inert gas most commonly used is Nitrogen, but Argon, CO₂, and Helium are also examples of inert gas that may be used as a propellant.
- The generator utilizes a shoulder strap for carrying, easy to use large fill port and sight glass for viewing the oil level. Between the lightweight cabinet and the quickness in which it's operable from a cold start, this machine is the most portable and convenient thermal on the market!
- For more information, please visit www.sandmelectronics.com

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

Website: www.tecservicesinc.com

E-mail: jwc@tecservicesinc.com

TEC Services, Inc.
25 Little Avenue
New Oxford, PA 17350
Phone: 717-624-3191 · Fax: 717-624-3549

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