

AEROSOL PHOTOMETER

www.sandmelectronics.com

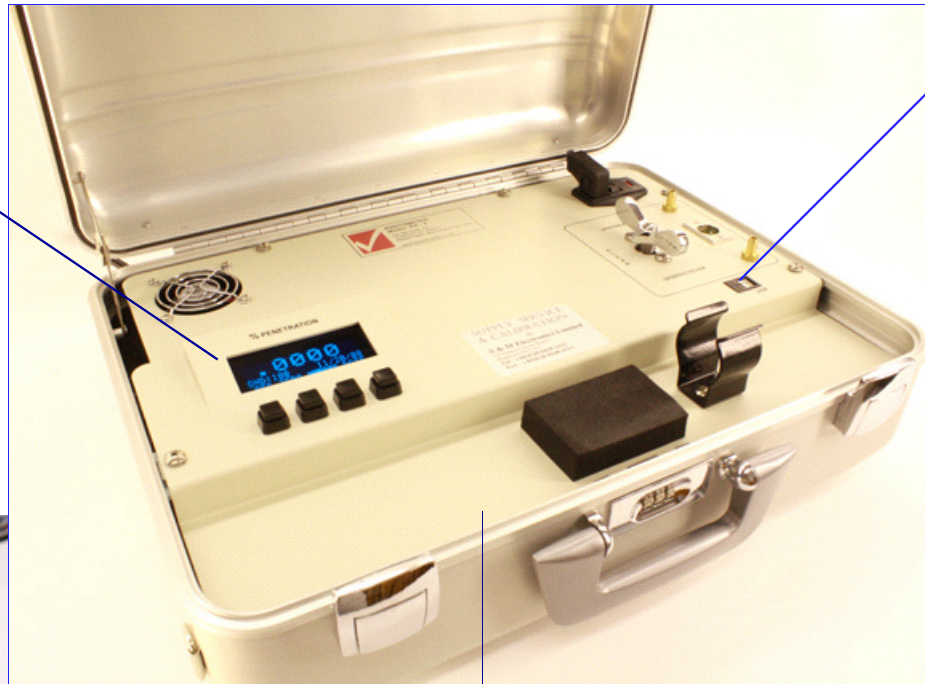
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“EVERYONE’S TALKING ABOUT IT!”

*Photometer in self-contained Transport Case only 9.1KG!
 Beats all known worldwide standards!
 CE Marked!*



- **Advanced Design** allows the user-interface to be completely digitally controlled with on-screen prompts.
- **Absolute simplicity** means practically no training required.
- **Automatic Zeroing and Ranging**



USB
 USB to PC for Testing & Reporting to ISO14644-3 compliance



- **Light-Weight Probe** and features remote control of alarm options which include a visual, audible and the **NEW Vibrating alarm**.
- **Flexible neck** allows sampling at any angle and keep Direct Vision of readout.
- The machined aluminium housing and heavy duty metal connector to the main unit provides years of trouble-free use.

- Worlds fastest, stable and precise solid metal Optical light chamber, with new **Blue-LED** light source with **20,000 hours** lifespan
- Beware of certain home-made, cheap, “optical chambers” made from plastic plumbing tubes!

Technical Specifications

Case: Black Aluminum w/ comb. lock
 Size: 13" L x 18" W x 6.5" H
 Weight: 20 lbs. (9.1 kg)
 Power: 100-250 VAC 50/60 Hz,
 Power Consumption: 0.70 Amps @ 120V
 & 0.29 Amps @ 240V
 Minimum Display Reading: .0001%



S&M Thermal Smoke Generator's.



• **GO GREEN!!** -50% more efficient than any other thermal generator in the **WORLD!**—save ££'s on CO² and **OIL!!**

- Only generator in the world to have a precision engineered Nebulizer!
- Nebulizer give's the most Smooth Continuous smoke production from 0-60psi.
- Max Output **20.27g/min @ 60PSI!!**
- Oil Consumption appx **1200ml/Hr!!**
- World's Toughest heavy-duty case.
- From 7.5KG.

Other Features

Reference Settings for **7 types of oils** as approved by FDA
 Retains Upstream Reference Settings when Powered Off.
Real-time Display of Upstream/Downstream Concentrations.
 Stable at Low Concentrations of Aerosol ($\geq 10\mu\text{g/l}$)
 Probe Selectable Audible, Visual, **Vibrating Alarms**
Plug and Play Probe – 11 foot length
USB Interface PC Port for Testing and reporting to support ISO14644-3 compliance
Lightweight Heavy Duty BLACK ZERO™ Aluminium Case
 (No need for Transport Box)
 Accepts Worldwide Operating Voltages (110-240V)
 Storage Area for Probe and Accessories