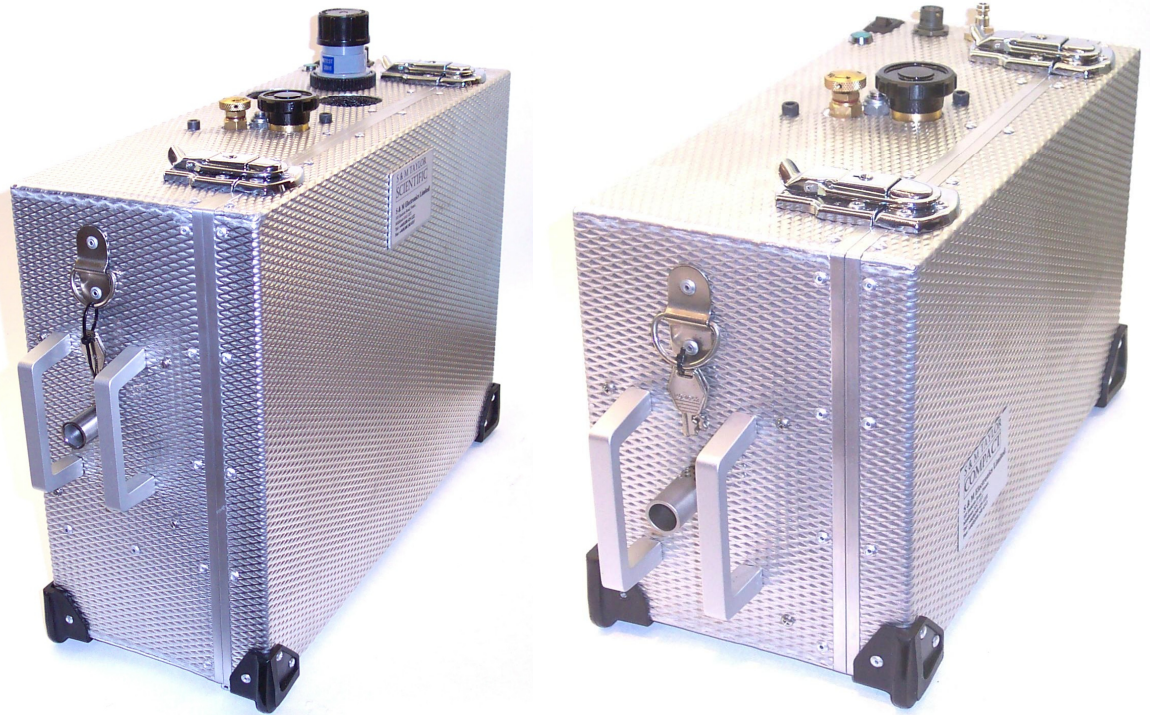


S&M

ELECTRONICS

S & M ELECTRONICS LIMITED



S & M SCIENTIFIC & COMPACT AEROSOL GENERATOR.

General:

The aerosol is a mixture of a pure cosmetic grade of oil and carbon dioxide (any inert gas may be used as a propellant). It is generally harmless, non-irritant, non-flammable and leaves no contamination. When used correctly it is safe for use in all normal conditions. Breathing apparatus should be worn in confined spaces, avoid breathing smoke particles.

Tests undertaken by the Analytical Sciences Centre (PCB) at the Harwell Laboratories of the UK Atomic Energy Authority. Have established the PAH (Polycyclic Aromatic Hydrocarbons) content of the aerosol when the generator is set and operated correctly.

As the size of the aerosol particles are very small (MMD 0.4 microns) the aerosol diffuses in the air with little tendency to either rise or fall, to the extent that the aerosol released in an enclosed space will remain suspended in the atmosphere for many hours. This provides the great advantage that there is virtually no contamination on surfaces with which the aerosol is in contact unless the aerosol stream is directed on the surface at the close range where settlement can occur caused by particle impaction.

105 Eastcote Road, Pinner, Middlesex HA5 1ET. Tel: 0208 429 1222 Fax: 0208 248 4313



Aerosol Generator Specification

Scientific

Compact

SIZE:	180mmx345x460	180mmx240x370
WEIGHT:	14 KG.	7.5 Kg.
POWER:	230 V, 50 Hz	230 V, 50 Hz
(Optional)	110 V, 50/60 Hz	110V, 50/60 HZ
Fuel Capacity:	1000 ml.	1000 ml.
Fuel Type:	Ondina Oil or PAO or DOP	Ondina Oil or PAO or DOP
Temperature Control:	Micro Processor	Micro Processor
Test System:	120—12,150m ³ /Hour. (203—24,826 CFM @ 10µg/lit)	
Output:	Infinitely variable from 0.2-60 PSI	
Max Output:	20.27 gram/min	
Particle Size:	MMD < 0.4 Micron CMD < 0.3 Micron	

Internal Gas Bottle & Regulator

External Gas Bottle & Regulator

Warm up time from cold:	App 5 minute.	App 5 minute
Running Time (max Output):	45 Minute	45 Minute
Oil consumption @ 60 PSI(app) :	45 Minute	45 minute

All Generator's come complete with:

- | | |
|----------------------------|---------------------------|
| 1) Complete certificate. | 5) Operating Instruction. |
| 2) 1 CO2 1.14 Kg Cylinder. | 6) 1 CO2 Spanner. |
| 3) 1 CO2 Gas regulator. | 7) 1 Funnel. |
| 4) 1 Mains Lead. | 8) 1 Shoulder-strap. |

S & M Electronics Limited reserve the right to alter specification without prior notice.

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