



## *Pea Soup ViCount Compact Oil based smoke system*

**The ViCount is probably the most effective smoke system available today.**

Using only a fraction of the amount of fluid used in conventional water based generators (approx 10 – 20%) to create similar if not better smoke densities, the ViCount is an oil based smoke generator capable of continuous smoke output at full volume, which can also be varied from zero to maximum.

The smoke produced by the ViCount can persist to 180 - 200°C before layering commences, making the unit ideal for hot fire training applications or use in hot areas where normal water based smoke would quickly break down.

With no routine maintenance required on the ViCount, and a choice of heat exchanger capacities to suit many applications, it's no wonder it is used throughout the world in critical applications as diverse as fire fighter training, evacuation training, air flow visualisation and leak testing.

Particle size is a consistent 0.2 - 0.3 microns in diameter, making the ViCount ideally suited to testing HEPA filtration.



**Safe, dry, white, non-toxic, non-flammable, non-conductive, non-corrosive, non-staining, extremely persistent smoke – leaves NO residue. Harmless to sensitive equipment (computers, cameras, electronics) and machinery**

**Extremely high temperature resistance (to 180°C)**

**Automatic self-purging operation, maintenance free**

**Precision machined heat exchanger, guaranteed for life!**

**Digital temperature control & solid state switching**

### Standard features:

- Digital controls
- 5m remote control
- CO2 cylinder (ready to fill)
- Regulator
- 5L Smoke Oil 180

*Available for 230v or 110v supplies*

### Accessories:

- 5 litres Smoke Oil 180
- 205 litre drum Smoke Oil 180
- Ducting adaptor & hose in 50mm with 10m hose or 75mm diameter with 6m hose

# Specification

Compact 1300 - General Specification	
Size (in mm, L x W x H)	410 x 180 x 370
Weight (kg)	12 (26lbs.)
Power Supply	230v, 50Hz
Optional	110v, 50/60Hz
Warm up time from cold (minutes)	4
Particle size (micron, mass median diameter)	0.2 – 0.3

	Compact 1300 Standard Variant 1.1kW	Compact 1300 High Variant 2.2kW
Heat exchange wattage (Watts)	1,100	2,200
Running time at maximum output (min)	40	22
Smoke output (m3 @ 1.0m visibility)	0 – 150	0 – 290
Smoke oil consumption (ml/hr)	2,000	3,600

Compact 5000 - General Specification	
Size (in mm, L x W x H)	410 x 180 x 540
Weight (kg)	17 (37lbs.)
Power Supply	230v, 50Hz
Optional	110v, 50/60Hz
Warm up time from cold (minutes)	4
Particle size (micron, mass median diameter)	0.2 – 0.3

	Compact 5000 Standard Variant 1.1kW	Compact 5000 High Variant 2.2kW
Heat exchange wattage (Watts)	1,100	2,200
Running time at maximum output (min)	145	85
Smoke output (m3 @ 1.0m visibility)	0 – 150	0 – 290
Smoke oil consumption (ml/hr)	2,000	3,600



AQAP1  
NATO Quality Assurance  
'for the design and production of non-toxic  
smoke systems for the military, industrial  
and security marketplace'



The ViCount Compact  
Unbeatable smoke generation

Available direct from Pea Soup Smoke Machines  
www.smokemachines.NET Tel. +44 (0)1642 769952