

Pea Soup's PHANTOM Aerosol System

For HEPA filter testing / challenging applications



- Particle size 0.2 - 0.25µm mmd (adjustable if required)
- Fully automatic self-purge after every operation
- Controllable from a small wisp to a large plume
- Will support oil and water based smoke chemicals
- IP65 Microprocessor with PID control
- Machined heater block, guaranteed for life
- Quick connect coupling to any size of inert gas bottle
- 2kg CO2 cylinder and regulator

General Specification (approx)	PS31	PS33
Size (cm)	35 x 19 x 44	55 x 19 x 44
Weight (kg)	13	20
Heat Exchanger (w)	1100w (PS31ST) 2200w (PS31HI)	1100w (PS33ST) 2200w (PS33HI)
Power Supply	230vAC, 50-60Hz Optional 110vAC, 50-60Hz	
Warm up time from cold (min)	4	4
Duration at max output before refill (minutes)	40 (PS31ST) 22 (PS31HI)	145 (PS33ST) 85 (PS33HI)
Smoke Reservoir capacity (nominal ml)	1300	5000
Aerosol output (µg/sec) 1.1kw	0 - 466,000	
Aerosol output (µg/sec) 2.2kw	0 - 850,000	
Smoke Particle diameter (micron, mass median)	0.2 - 0.25	
Remote control operation	Standard with every model	

The Phantom Aero range of systems produces a consistent aerosol particle size and distribution throughout a wide range of pressures, and are ideal for challenging HEPA filters to British, American and European standards in the nuclear, pharmaceutical and clean room industries.

The units can be configured to use either Ondina EL or Emery 3004 / Durasyn 164.

Smoke from the Phantom Aeros can be passed through flexible ducting if required using optional ducting adaptors (25mm, 50mm and 75mm available).

All models are available in a stainless steel finish if required.

All models carry a "lifetime" heater block warranty.

Contact the smoke machine specialists:



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