

Pea Soup's

Wind Tunnel Air Flow Tracer System

The perfect visualisation tool for wind tunnels



- Clearly defined plume
- Variable controls
- Simple to operate
- Rapid start up
- Low oil consumption
- Oil level indicator
- Hand held probe
- Extension handles
- Replaceable vaporisers

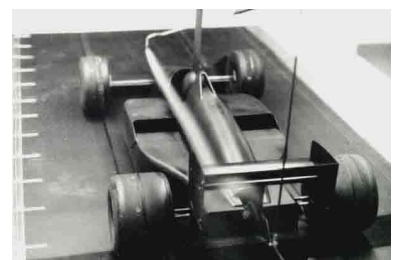
Pea Soup's Air Flow Tracer Smoke Generator is designed to facilitate the observation of air movements in many types of flow situations. Ideally suited for use in wind tunnels, it is easily transported to the site of investigation, is rapid and convenient to set up, and is easy to use.

The smoke is produced by peristaltically pumping an innocuous, medicinal quality white oil from the control unit to the tip of the probe, where a low voltage electrical coil heats it to produce a dense plume of smoke at exactly the point where it is needed.

The probe is shaped to minimise wake generation that would otherwise invalidate observations, so the emission of the smoke into the air stream is smooth and steady, and is easily controlled to suit prevailing conditions. A stable and clearly defined plume of smoke up to 5m in length can be generated in an aerodynamically clean duct in wind speeds up to 90m/sec.

In any situation where air movements need to be observed the Pea Soup Air Flow Tracer provides the answer, conveniently and economically.

Power supply (specify when ordering)	230 – 250v 50Hz or 110 – 120v 60Hz
Vaporiser power dissipation	90w max. (30v : 3A ac)
Smoke oil consumption	Average 60ml / hour
Smoke oil capacity	400ml

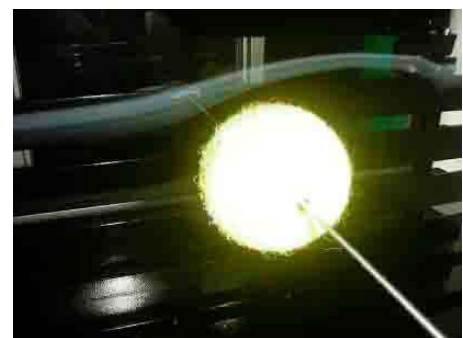


Contact the smoke machine specialists:



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Air Flow Tracer smoke over a tennis ball