

Concept Smoke Systems

Aerotech Smoke Wand



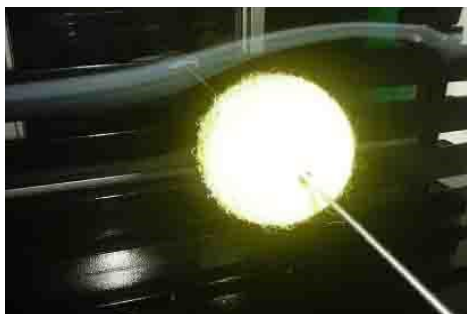
- Clearly defined plumes of smoke
- Variable controls to adjust smoke thickness and operating temperature
- Rapid start procedure
- Low fluid / oil consumption
- Simple operation
- Oil level indicator
- Hand held operation
- Extension Handles and replacement vaporisers available

Concept's Aerotech 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 any situation where air movements need to be observed the Concept Aerotech provides the answer, conveniently and economically.



Power Supply	230-250v 50hz or 110-120v 60Hz
Vaporiser Power Dissipation	90w max (30v:3Aac)
Fluid Consumption	60ml per hour
Fluid Tank Capacity	400ml max
Size (approx.)	35 x 40 x 20cm
Weight	6.5 kg

A full range of accessories are available, including:

- Stainless Steel Chassis
- Spare Swan Neck Probe
- Extension Handles
- Spare Vaporiser Tips
- Oil / Fluid

