



The Colt 4 Portable Smoke System

The ideal tool for checking Spray Booth Air Clearance rates



- Compact and Robust
- Off Power Capability
- Water based, non toxic smoke
- Persistent Smoke remaining visible for long periods
- Controllable smoke, from a small wisp to a large plume
- Class-leading particle size 0.2 micron mass median diameter
- NATO codified

THE PROBLEM—OCCUPATIONAL ASTHMA

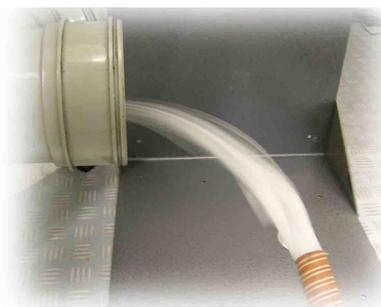
Checking the efficiency of the air handling systems within your Spray Booths is an important step in reducing the high incidence of Occupational Asthma that is associated with Motor Vehicle Repair centres.

THE SOLUTION

The Pea Soup Colt 4, already in use by leading insurers and the Health and Safety Executive for precisely this application, allows a very simple, but very effective test of the air handling system within a Spray Booth to be carried out in just a few minutes. The class leading persistency and particle size of the artificial smoke produced by the Pea Soup Colt 4 means that just a short, 3 or 4 second burst will produce a **visible** traceable smoke effect up to 30 minutes after activation, dramatically outperforming entertainment based systems.

Hence areas or pockets of stagnant, or slow clearing air, which otherwise could contain high levels of asthma inducing isocyanate vapour, invisible to the naked eye, can clearly be identified, and remedial action taken to improve the extraction systems.

The artificial smoke produced by the Colt 4 has been analysed by independent laboratories and the HSE to ensure that it is both non-toxic and non-flammable. Smoke from the Colt 4 is completely adjustable, from a small wisp to a large plume. Canisters, which contain the pharmaceutical grade chemical that produces the smoke effect, re-seal after use, so no wastage occurs, and part-used canisters can be utilised later. The artificial smoke from the Colt 4 can also be ducted using optional ducting adaptors (to suit 25, 50 and 75mm id ducting) enabling the smoke to be introduced into more localised areas if required.



The Pea Soup Colt 4 is available for hire or sale.

General Specification (approx.)	COLT 4	COLT 4 TURBO
Size (cm) (L x W x H)	36cm x 14cm x 20cm	
Weight	5.5kg	7kg
Heat exchanger wattage	1,100W	2,200W
Power Supply	230v, 50 – 450Hz (110v, 50 – 450Hz optional)	
Warm up time from cold	5 mins	4 mins
Duration of aerosol at maximum output	18 - 20 mins	10 - 11 mins
Smoke output (@1.5m visibility)	0 – 125 m3/min.	0 – 233 m3/min.
Particle size (mass median diameter)	0.2 - 0.3 micron	
Operation off the mains power supply?	Yes	