



CMI PORTABLE SMOKE GENERATOR

MiniColt 4

“Catch the air”



- Compact and Robust Generator
- Off Power Capability thanks to high mass heat exchanger block
- Water based, non-toxic smoke, particle size 0.2 micron
- Smoke remains visible for long period
- Controllable smoke, small wisp to large plumes

GENERAL SPECIFICATION	MiniColt 4
Size (cm)	33 x 15 x 19
Weight (kg)	5
Heat Exchanger (W)	1100
Power Supply	230vAC, 50-450Hz 110vAC, 50-450Hz
Warm up time from cold	5
Duration of aerosol @ max output (min)	14
Smoke output (m3/min @ 1.5m visibility)	0-125 fully adjustable
Smoke Particle Diameter (μ)	0.2
Operation “Off Power”	Yes



The MiniColt 4 is a compact, portable and powerful smoke generator, very easy to use

The MiniColt 4 has the ability to produce a vast amount of smoke, even when off power, because of the retained energy within the high mass heat exchanger block with 10 years warranty. This way the operator can carry the generator from room to room, making smoke where necessary, without the need for electrical lead.

At full output, up to 2 minutes smoke can be produced off power, but at the reduced output typical of air tracing applications, multiple small bursts of smoke can be produced up to 20 minutes after power disconnection.

Pharmaceutical grade smoke chemical, stored in a one-piece aluminum canister is forced under pressure through the precision machined heat exchanger, where it is vaporized.

The vapor condenses to form a “smoke” effect

with a class-leading particle size (an order of magnitude smaller than most “conventional” smoke systems), which means that dense smoke can be achieved for substantially lower concentration of chemical in the atmosphere. The high boiling range of the smoke chemical used results in an aerosol or smoke of exceptional persistency, so it remains visible for long periods.

The resulting smoke has been analyzed by independent laboratories to ensure that it is both non-toxic and non-flammable. Canisters re-seal after use, so no wastage occurs, and part-used canisters can be utilized later.

The artificial smoke from the MiniColt 4 can be ducted using optional ducting adaptors (to suit 25, 50 and 75 mm id ducting) enabling the smoke to be introduced very easily into a restricted area, duct or fume cupboard

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