



MicroFog

Robust, Hand-Held, Portable, Water-Based System Technical Specification Document

1 Features

- Capable of producing smoke after unplugging:
 - short burst up to 20 min afterwards
 - long burst up to 7.5 min afterwards
- 4 minutes 40 seconds of combined smoke time per canister
- Up to 50 seconds long smoke bursts
- Portable hand-held device
- Operates with water based aerosol smoke fluid
- Electronic temperature sensor and mechanical fail-safe
- Fully serviceable (all parts easily replaceable)
- Safe to inhale smoke
- MOD approved
- Warranty – 24 months



2 Overview

MicroFog is a robust, hand-held aerosol smoke machine. The model is widely used in film, TV and stage special effects, ventilation and pipework testing, as well as fire drills.

3 Control

- Screw Le Maitre smoke fluid canister into the aerosol base (in the cavity at the rear)
- Connect to mains power supply (ratings labelled near socket) for heating
- LED indicates heating status:
 - Red to yellow flash – Heating in progress – do not operate
 - Green flashing – Heating in progress – ready to operate
 - Green steady – Heating done – ready to operate
 - Red flashing – Refer for service
- Button must be held down to operate

4 Performance

- Output: 12, 800 m³/hr



- Fluid consumption: 1.42 cc/s
- Power rating¹: 1.2kW
- 4 minutes 40 seconds of combined smoke time per canister
- Up to 50 seconds long smoke bursts
- Tested and safe for use on live stage performances

5 Fluid

- Le Maitre Global Deluxe Smoke Fluid Canister
 - Clean and odourless.
 - Creates a dense, white fog with medium hang time.

Le Maitre's fluids are included in the "Equipment Based Guidelines for the Use of Theatrical Smoke and Haze" prepared by Environ International Corporation and can be used in compliance with ANSI standards for theatrical fog and the PLASA (previously ESTA) Fog Testing Program. Copies can be found on www.actorsequity.org

6 Installation

- Hand-held

7 Physical Characteristics

- Size: 400mm x 220mm x 180mm
- Weight: 6.5kg (without canister)

8 Product Codes

Machines:

- MICROFOG AEROSOL MACHINE 240V 2921
- MICROFOG AEROSOL MACHINE 110V 2921A

Fluids:

- GLOBAL DELUXE SMOKE FLUID CANISTER 1911

¹ MicroFog is available in two options: 240V AC 50Hz and 110V AC 60Hz, both 1.2kW.



Specifications are subject to change without notice.