

## FlowMarker II™ Portable Air Flow Visualization

The FlowMarker II is the industry tool of choice in portable, completely safe, non-residue forming, flow visualization tools for electronics, industrial, pharmaceutical, process and scientific experimentation markets.

Sold in 5 configurations for distinct applications, the FlowMarker II is used by Fortune 500 companies throughout the world in their product design laboratories, testing facilities, and manufacturing plants.

Certification, test & measurement companies use the FlowMarker II as their tool of choice for in-the-field work due to its portable nature, extended flow capability, long residence time. The FlowMarker II is also ideal when customers are concerned about preventing residue and toxicity left from the flow during their testing.

### advantages

#### More accurate airflow evaluation

Detect and "mark" air currents, without creating disturbances.

#### Fast

Visualize turbulence, directionality and potential dead spots with the touch of a button.

#### Eliminates risk of contamination

Fog is non-toxic, bacteria-free and breaks down completely into carbon dioxide and water.

#### User-friendly

Lightweight, small, and portable design allows operation in places that are awkward or hard to reach.

#### Proven

Successfully used in a wide range of demanding applications, including pharmaceutical development, electronics cooling, room ventilation, animal cage environments, clean rooms, and wind tunnels.

#### Traditional AccuSense™ reliability

From the developers of today's most advanced multipoint airflow instruments and sensors.



Mobile Fog Generator for Flow Visualization, from Cambridge AccuSense.

The FlowMarker II comes in its own transport case and contains:

- Flowmarker II device
- Application tube
- Rechargeable lead acid battery 12V DC
- Battery charger international
- Plastic tube for removing the condensate ring
- 5 pieces of the condensate ring (large)
- 5 pieces of the condensate ring (small)
- 1 aerosol can of Flowmarker-Fog Fluid
- User Manual
- 2 instruction sheets: repair and tank overfilling
- MSDS Data Sheet, User Manual



FlowMarker handheld device, flow tube, rechargeable battery, battery charger/power supply, fog refill can, and carrying case.

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## new features **Hydra System**

The Hydra system allows the FlowMarker II nozzle to be up to 16 feet from the FlowMarker II body. With the fan assisted module, flexible hose, and optional nozzles, the Hydra can deliver fog to remote locations by eliminating the fog condensing unit and technician from the field of testing. The Hydra can also be used in a containment room as an extension of the FlowMarker II by quickly moving within a 16 foot radius to check ventilation and airflow gaps in electrical vias.

## Remote Control

The remote control system allows the user to set up an experiment, and use a remote control to simply turn on and off the fog flow. This allows hands-free operation for lengthy set-ups, where system parameters need to be modified during flow tests.

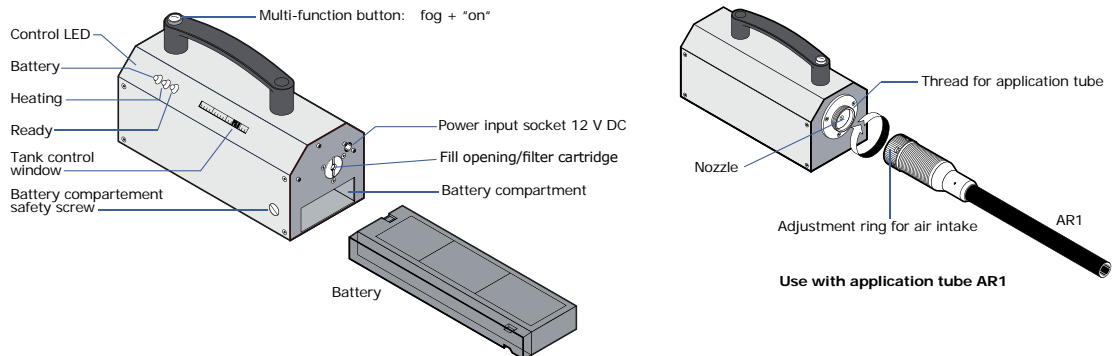
## models and part numbers

Model	Part Number
FlowMarker, complete set	FM51000
FlowMarker, including wireless remote	FM51000RC
FlowMarker, including wired remote control (5m)	FM51000WC
FlowMarker, complete set, Hydra model (flexible tube is 3 meters)	FM51000H
Flowmarker, complete set, Hydra model including wireless remote	FM51000HR
Flowmarker-Fog Fluid Canister	HDW-000130

## specifications

FlowMarker Dimensions	210 mm x 90 mm x 135 mm (8.3" x 3.6" x 5.3")
Flow Tube Dimensions	286 mm (11.25") long
	20 mm (.79") diameter of tip
Weight	2.5 kg (5.5 lbs.)
Battery Voltage	12 V
Capacity	2Ah Pb rechargeable battery
Charging Time	14 hours
Fluid Reservoir	16 ml fluid
Consumption	0.7 ml/minute
	Operates 20 minutes continuously with filled fluid reservoir
	420 cycles 3 seconds each
	Auto power off after four minutes without activity
Warm Up Time	20 seconds

## operations



More information including User Manual and MSDS available at [www.degreec.com](http://www.degreec.com)

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