

AEROLAB

EDUCATION & RESEARCH



Smoke Generator System





Complete Smoke Generator System

Smoke is an excellent tool to visualize flow. Qualitative studies are often just as important as quantitative tests.

A smoke generator system is an essential element of any aerodynamics laboratory or wind tunnel facility.

Basic Specifications:

- *Electrical Power: 115VAC 50 or 60 Hz **ONLY***
- *Runtime: Approximately 45 minutes continuous per reservoir refill*
- *Reservoir Capacity: 16 fluid ounces (473 mL)*
- *Smoke Fluid: "Kaydol" white mineral oil*
- *Base Unit Dimensions: 14.5 x 5 x 7.75 inches (36.8 x 12.7 x 19.7 cm)*
- *Wand Length (overall): 18 inches (45.7 cm) or 45 inches (114.3 cm)*

Popular with industry and academic institutions, the AEROLAB Smoke Generator produces thick, white smoke.



The Complete System includes:

- 1 base / control unit
- 1 gallon (3.79L) smoke fluid (white mineral oil)
- 1 choice of 18 or 45-Inch (46 or 114-centimeter) Smoke Wand (custom lengths extra)
- 1 Quick-Release Air Fitting (to modify existing air supply lines if necessary)
- Instructions and Material Data Safety Sheets (MSDS)



Supplied Quick-release Air Fitting for Your Existing Air Hose

System Requirements:

- 115VAC 50 or 60 Hz ONLY
- Compressed air supply - 35 psi (241 KPa) min., 125 psi (861 KPa) max.
- Type B power/extension cord or suitable adapter



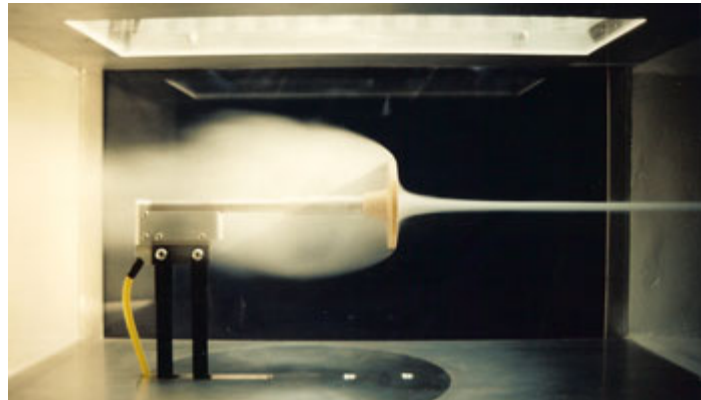
Top View



Type B plug to *your* power source and compressed air fitting to *your* compressor



Type B plug to the wand (provided), fuse and oil fitting to wand



Shipping Details:

- Main box (base unit, smoke fluid and air fitting): 15 x 15 x 15 inches (28 x 38 x 38 cm), 21 pounds (9.5kg)
- Short Wand Box: 5 x 5 x 31 inches (13 x 13 x 79 cm), 3 pounds (1.4kg)
- Long Wand Box: 5 x 5 x 61 inches (13 x 13 x 155 cm), 4 pounds (1.8kg)

Contact AEROLAB:

AEROLAB LLC
9580 Washington Boulevard
Laurel, Maryland 20723 U.S.A.
(P) 301-776-6585
(F) 301-776-2892

<http://www.aerolab.com>

aerolab@aerolab.com

Lasting Quality

Since 1947, AEROLAB products have been shipped to over thirty countries on six continents. AEROLAB products last for generations!