

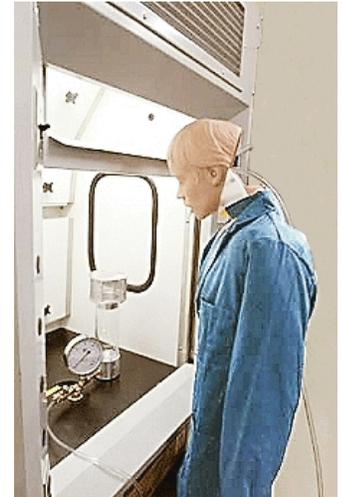


Dif-Kit Tracer Gas Hardware

Professional Fume Hood Diagnostic Tools

Features:

- The ANSI/ASHRAE 110 test is a method of testing the performance of laboratory fume hoods. Kanomax Dif-Kit tracer gas hardware is ideal for use in performing the Tracer Gas test in accordance with ANSI/ASHRAE Standard 110-1995.
- Diffuser is made to the design and specifications of Standard drawing #110-83M
- The internal critical orifice ensures a flow rate of 4 liters per minute. Other orifice sizes can be inserted
- Test-Mannequin and the vapor analyzer for the tracer gas test are available
- Face velocity measurement data can be stored and downloaded with Anemometer
- Dif-Kit includes tracer gas diffuser, nozzle assembly, in-line flow meter, tank regulator, and 20 ft of tubing



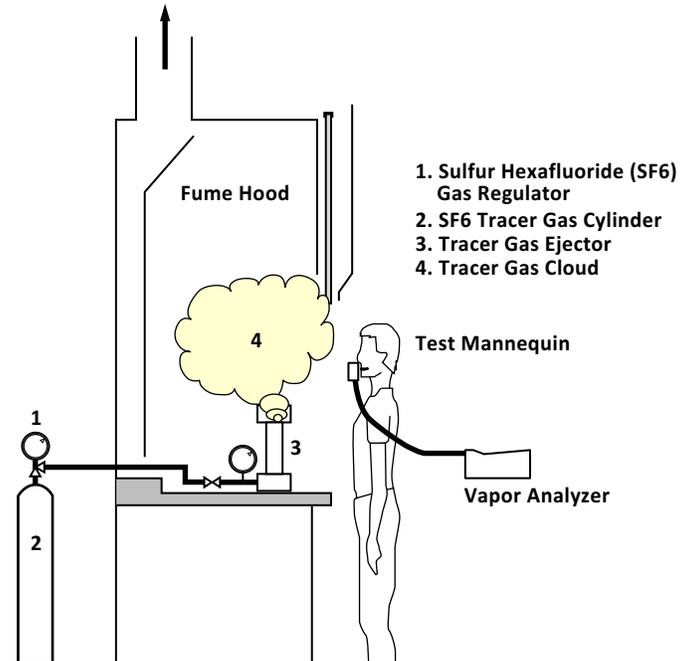
ASHRAE 110 - 1995 Performance Testing

■ Diffuser Kit



Specifications	
Model	Dif-Kit
Flow Rate	4 liter per minute*
Regulator	Dual Stage, Specialty Gas
Flow Meter	Calibrated 150 mm/200 psi, Glass Tube
Pressure Gage	0 to 60 psi

*Contact us for other flow rates



■ Vapor Analyzer

The Vapor Analyzer is factory calibrated for Sulfur Hexafluoride (SF6). Response time is less than 10 seconds to 90% response with a stable maximum concentration in less than 30 seconds.



Vapor Analyzer

Specifications	
Type	Single Beam Infrared Spectrophotometer
Sample Flow	10 liter per min (21.2 ft ³ /hr)
Sample Cell Volume	0.45 liters (0.0159 ft ³)
Gas Purge	5 Cell Volumes for 99% purge of cell
Concentration Alarm	High & Low (selectable by user)
Interface	USB, RS232
Power Supply	NiMH battery or 120-220V AC
Dimensions	15 x 7.3 x 7.5 inches (381 x 185 x 191 mm)
Weight	18 lbs (8.2 kg)

■ Handheld Anemometer

Thermal Anemomaster Professional, model 6036 for face velocity measurement. Data stored in the unit can be downloaded to PC.



Anemomaster Professional
Model 6036



Specifications

Model	6036
Air Velocity Ranges	20 to 6000 FPM (0.01 to 30.0 m/s)
Accuracy	+/- (3% of reading + 0.1 m/s)
Air Flow CFM (ft ³ /min)	2709360 CFM (at 6000 FPM)
Temperature Ranges	-4 to 158°F (-20 to 70°C)
Accuracy	+/- 1°F (0.5°C)
Interface	USB and RS232C (for print-out)
Datalogging	Up to 1500 records
Analog Output	0 to 3 V *Option
Power Supply	6 x AA Batteries or AC Adapter
Dimensions	W3.4" x H7.4" x D1.6"
Weight	0.9 lbs (400 g)

■ Test-Manikin

Includes: Manikin, Lab coat, and Stand



Test-Mannequin

■ Portable Fog Machine

The Flow Visualization and velocity procedure test standard (ANSI/ASHRAE 110-1995 section 6) is a visualization test used to determine hood ability to contain vapors. A visible smoke is introduced in a manner that is consistent in a way the hood is typically used. See ANSI/ASHRAE 110-1995 section 6 for a complete description of testing procedures.

Specifications

Model	Alpha 900
Particle Size	0.25 to 60 microns
Max Consumption	1 liter per hour
Power Requirements	120 volts, 50/60 Hz
Dimensions	14.3" x 5.6" x 7.5"



Fog Machine



KANOMAX
The Ultimate Measurements

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