



PUF

Ambient Air Sampler

The PUF sampler is a polyurethane foam sampler used for the collection of volatile organic compounds and particulates. The PUF sampler utilizes a dual sampling module to collect air borne particulate as well as ambient semi volatile organic compounds. The VOC'S are trapped in the polyurethane foam substrates which are collect and sent to a laboratory for further analysis. Tisch Environmental PUF samplers are well suited for all applications that require the use of a high volume VOC sampler.

ABOUT US: Tisch Environmental Inc. Tisch Environmental is the benchmark for high volume air sampling, particulate, metals, volatiles, and specialty monitoring equipment. Since the company's inception in 1953 as General Metal Works, our product line has expanded from the first high volume air sampler to include high-tech and custom samplers. Our clients are professionals from every sector of the regulatory and industrial markets.

- ⌚ **Meets EPA CFR, for TO-4A, TO-9A, TO-13A**
- ⌚ **Polyurethane Foam Sampler**
- ⌚ **Brush or Brushless Motor**
- ⌚ **Manual Motor Control**
- ⌚ **Elapsed Time Indicators**
- ⌚ **7 Day Mechanical Timer or Digital Timer**
- ⌚ **Flow Venturi**
- ⌚ **Robust Aluminum Shelter**
- ⌚ **125-250 Liters per Minute**
- ⌚ **Made In USA**

General System Specifications

Particulate Size: Volatile Organic Compounds
EPA Designation: TO-4A, TO-9A, TO-13A
Flow Controller: Manual Flow Speed Control
Motor Style: Brush or Brushless Style Motor Assembly
Timer: 7 Day Mechanical or Digital Timer
Elapsed Time Indicator: Hours and Tenths Flow
Range: 125-250 Lpm
Housing: Anodized Aluminum
Filter Holder: Dual Sampling Module

Applications

US EPA Reference Method Sampling,
 Regulatory Compliance
 Institutional Studies
 Construction Sites
 Bridge and Water Tower Painting Sites
 Fence Line Monitoring
 Industrial Monitoring
 Landfill Monitoring
 Public Health Applications

Available Models

Brush Style

TE-1000PUF, 110 Volt 60 Hertz, 8 Amps
 TE-1000PUFX, 220 Volt 50 Hertz 4 Amps
 TE-1000PUFXZ, 220 Volts 60 Hertz, 4 Amps

Brushless Style

TE-1000PUF-BL, 110 Volt 60 Hertz, 8 Amps
 TE-1000PUFP-BLX, 220 Volt 50/60 Hertz 4 Amps
 TE-1000PUF-BLXZ, 220 Volts 60 Hertz, 4 Amps

Brush Style with Digital Timer

TE-1000DPUF, 110 Volt 60 Hertz, 8 Amps
 TE-1000DPUFX, 220 Volt 50 Hertz 4 Amps
 TE-1000DPUFXZ, 220 Volts 60 Hertz, 4 Amps

Brushless Style with Digital Timer

TE-1000DPUF-BL, 110 Volt 60 Hertz, 8 Amps
 TE-1000DPUFP-BLX, 220 Volt 50/60 Hertz 4 Amps
 TE-1000DPUF-BLXZ, 220 Volts 60 Hertz, 4 Amps

Calibration Equipment

TE-5040PP -PUF PLUS Calibration Kit

Optional Equipment

TE-1010 3" Foam Plugs
 TE-1011 2" Foam Plugs
 TE-1012 1" Foam Plugs
 TE-QMA4 4" Round Quartz Filters
 TE-33384 Motor Brush Set (110volt)
 TE-33378 Motor Brush Set (220volt)
 TE-116336 Replacement Brush Motor (110volt)
 TE-116125 Replacement Brush Motor (220volt)
 TE-117415 Replacement Brushless Motor (220volt)
 TE-117417 Replacement Brushless Motor (110volt)

Physical Specifications

Weight: 75lbs, Shelter

Shipping Dimensions: 48"W x 20"L x 20" H, Shelter
 19"W x 19"L x 20"H, Lid

Assembled Dimensions: 28"W x 28"L x 61"H