



## PUF PLUS

Ambient Air Sampler

The PUF PLUS sampler is a polyurethane foam sampler with a PLUS technology flow controller. This instrument is used for the collection of volatile organic compounds and particulates. The PLUS controller maintains a constant flow rate by recording the orifice differential pressure, barometric pressure, and ambient temperature. The system utilizes a digital timer for accurate sampling and features an auto calibration feature for quick and easy flow rate calibration.

**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
- ⌚ Automatic Calibration
- ⌚ Digital Timer
- ⌚ Multiple Elapsed Time Indicators
- ⌚ USB Data Retrieval
- ⌚ Records Temperature and Barometric Pressure
- ⌚ Accurately Calculates Flow Rate
- ⌚ 125-250 Liters per Minute
- ⌚ LCD Display
- ⌚ Made In USA

## General System Specifications

**Particulate Size:** Volatile Organic Compounds  
**EPA Designation:** TO-4A, TO-9A, TO-13A  
**Flow Controller:** PLUS Technology  
**Motor Style:** Brush or Brushless Style Motor Assembly  
**Timer:** Programmable Digital  
**Elapsed Time Indicator:** Digital, 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-1000PUFPLUS, 110 Volt 60 Hertz, 8 Amps  
TE-1000PUFPLUSX, 220 Volt 50 Hertz 4 Amps  
TE-1000PUFPLUSXZ, 220 Volts 60 Hertz, 4 Amps

### Brushless Style

TE-1000PUFPLUS-BL, 110 Volt 60 Hertz, 8 Amps  
TE-1000PUFPLUSX-BL, 220 Volt 50/60 Hertz 4 Amps

## Calibration Equipment

TE-5040PP -PUF PLUS Calibration Kit

## Digital Timer Features

Programmable Sampling Schedule  
Multiple Elapsed Time indicators  
Internal Battery Backup  
LCD Screen  
Soft Press Keypad Buttons  
US EPA Recommended

## 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