



## HIVOL PLUS

Ambient Air Sampler

The HIVOL PLUS is a high volume air sampler used for the collection of Total Suspended Particulates (TSP). Utilizing a microprocessor controlled flow controller, and ambient temperature and barometric pressure sensors; the system is designed to accurately record and control the ambient flow rate. The system also features an automatic calibration function for quick and easy flow rate calibration. The LCD display, soft press keypad, and intuitive menu structure is designed for simple user interaction.

**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.

- ④ **40 CFR Part 50 Appendix B**
- ④ **Total Suspended Particulates**
- ④ **Automatic Calibration**
- ④ **Digital Timer**
- ④ **Multiple Elapsed Time Indicators**
- ④ **USB Data Retrieval**
- ④ **Records Temperature and Barometric Pressure**
- ④ **Accurately Calculates Flow Rate**
- ④ **35-60 CFM**
- ④ **LCD Display**
- ④ **Made In USA**

## General System Specifications

**Particulate Size:** Total Suspended Particulates  
**EPA Designation:** 40 CFR Part 50 Appendix B  
**Flow Controller:** PLUS Technology  
**Motor Style:** Brush or Brushless Style Motor Assembly  
**Timer:** Programmable Digital  
**Elapsed Time Indicator:** Digital, Hours and Tenths  
**Flow Range:** 35-60 CFM  
**Housing:** Anodized Aluminum  
**Filter Holder:** Stainless Steel  
**Barometric Pressure Sensor:** 600-800 mmHg  
**Temperature Sensor:** -40 to 90°C  
**Data Logs(4):** Timer, Interval, Power, Calibration

## 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-HVPLUS, 110 Volt 60 Hertz, 8 Amps  
TE-HVPLUSX, 220 Volt 50 Hertz 4 Amps  
TE-HVPLUSXZ, 220 Volts 60 Hertz, 4 Amps

### Brushless Style

TE-HVPLUS-BL, 110 Volt 60 Hertz, 8 Amps  
TE-HVPLUSX-BL, 220 Volt 50/60 Hertz 4 Amps

## Calibration Equipment

TE-5025 HVP -HOVOL 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-G653 8" x 10 " Glass Fiber Filters  
TE-33384 Motor Brush Set (110volt)  
TE-33378 Motor Brush Set (220volt)  
TE-116311 Replacement Brush Motor (110volt)  
TE-116312 Replacement Brush Motor (220 volt)  
TE-117417 Replacement Brushless Motor (110 volt)  
TE-117415 Replacement Brushless Motor (220 volt)

## 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