



## VFC PM2.5 Ambient Air Sampler

The TE-6070V-2.5 is a high volume ambient PM2.5 air sampler featuring a volumetric flow controller (VFC) for accurate and consistent particulate sampling. The volumetric flow controller maintains a constant flow rate to ensure the system collects an accurate and representative sample. The system utilizes a stainless steel filter holder for use with standard 8" x 10" filter paper. The anodized aluminum shelter and robust electrical components allow the system to operate a continuous 24 hour sample. The TE-6070V-2.5 is well suited for all applications that require the use of a high volume PM2.5 particulate 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.

- ④ **PM2.5 Size Selective Inlet**
- ④ **Volumetric Flow Controlled**
- ④ **7-Day Mechanical Timer**
- ④ **Elapsed Time Indicator**
- ④ **Aluminum Outdoor Shelter**
- ④ **Brush Style Motor**
- ④ **Dickson Chart Recorder, 24 Hour**
- ④ **Stainless Steel Filter Holder**
- ④ **Filter Paper Cartridge**
- ④ **30" Water Manometer**
- ④ **40 CFM**
- ④ **Made In USA**

## General System Specifications

- Particulate Size:**PM2.5 (TE-6001-2.5I)
- Flow Controller:** Volumetric Flow Controller (TE-10557PM2.5)
- Motor Style:**Brush (TE-5070)
- Pressure Recorder:**Dickson Chart Recorder, 24 hour (TE-5009)
- Timer:**7 Day Mechanical (TE-5007)
- Elapsed Time Indicator:**Mechanical, Hours and Tenths (TE-5012)
- Flow Rate:**40CFM, 1.13M<sup>3</sup>M
- Housing:**Anodized Aluminum
- Filter Holder:**Stainless Steel, 8" x 10" (TE-6003V)

## System Includes

Anodized aluminum shelter, PM2.5 size selective inlet, 7 Day Mechanical Timer, Dickson Chart Recorder, Brush Style Motor Assembly, Volumetric Flow Controller, Elapsed Time Indicator, Female Bulkhead Fitting, Male Bulkhead Fitting, 30" Water Manometer, Box of Charts(100/box), Filter Paper Cassette, Stainless Steel Filter Holder

## Calibration Equipment

TE-5028 -Variable Flow Calibration Kit

## Available Models

**TE-6070V-2.5-HVS** 110volts, 60Hz, 8 amps  
**TE-6070VX-2.5-HVS** 220volts, 50Hz, 4 amps  
**TE-6070VXZ-2.5-HVS** 220volts, 60Hz, 4 amps

## Applications

- Regulatory Compliance
- Institutional Studies
- Construction Sites
- Bridge and Water Tower Painting Sites
- Fence Line Monitoring
- Industrial Monitoring
- Landfill Monitoring
- Public Health Applications

## Optional Equipment

- TE-6001-2.5-15- 5 oz. Wins Oil
- TE-3000- Filter Holder Cartridge
- TE-QMA-8" x 10" Micro-Quartz Filter Media
- TE-115923-Replacement Brush Motor (110 volt)
- TE-116111-Replacement Brush Motor (220 volt)
- TE-33392- Motor Brushes (110 volt)
- TE-33378-Motor Brushes (220 volt)
- TE-106 Recorder Charts
- TE-160 Recorder Pen Points
- TE-5018 Gasket 8" x 10"

## Physical Specifications

- Weight:** 75lbs, Shelter  
65lbs, PM2.5 Inlet
- Shipping Dimensions:** 46"W x 23"L x 20" H, Shelter  
32"W x 32"L x 26"H, Inlet
- Assembled Dimensions:** 28"W x 28"L x 61"H

## Contact Information

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