

## PM2.5 MFC Brushless



### PM2.5 MFC Ambient Air Sampler

The TE-6070DBL-2.5 is a high volume ambient PM2.5 air sampler featuring a massflow controller (MFC) and zero maintenance brushless motor for accurate and consistent particulate sampling. The massflow controller maintains a steady 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-6070-2.5 is well suited for all applications that require the use of a high volume PM2.5 particulate sampler.

**ABOUT US:** 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 **Mass Flow Controlled**
- ④ **7 Day Mechanical Timer**
- ④ **Elapsed Time Indicators**
- ④ **Aluminum Outdoor Shelter**
- ④ **Brushless Style Motor**
- ④ **Dickson Chart Recorder, 24 Hour**
- ④ **Stainless Steel Filter Holder**
- ④ **Filter Paper Cartridge**
- ④ **Non-FRM Sampler**
- ④ **Made in USA**

## General System Specifications

- Particulate Size:** PM2.5(TE-6001-I)
- Flow Controller:** Mass Flow Controller (TE-300-310-BL)
- Motor Style:** Brushless (TE-5005-BL)
- 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:** 36-60 CFM
- Housing:** Anodized Aluminum
- Filter Holder:** Stainless Steel, 8" x 10" (TE-6003V)

## System Includes

Anodized aluminum shelter, PM2.5 size selective inlet, Mechanical Timer, Elapsed time indicator, Dickson Chart Recorder, Brushless Style Motor Assembly, Mass Flow Controller, Box of Charts(100/box), Filter Paper Cassette, Stainless Steel Filter Holder

## Calibration Equipment

TE-5028 -Variable Flow Calibration Kit

## Available Models

**TE-6070-BL-2.5-HVS** 110volts, 60Hz, 8 amps  
**TE-6070V-BL-2.5-HVS** 220volts, 50Hz, 4 amps  
**TE-6070XZ-BL-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-117415-Replacement Brushless Motor (220 volt)  
 TE-117417-Replacement Brushless Motor (110 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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