

PM2.5 MFC



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Ambient Air Sampler

The TE-6070-2.5 is a high volume ambient PM2.5 air sampler featuring a mass flow controller(MFC) 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.

- ⑦ **PM2.5 Size Selective Inlet**
- ⑦ **Mass Flow Controlled**
- ⑦ **7-Day Mechanical Timer**
- ⑦ **Elapsed Time Indicator**
- ⑦ **Aluminum Outdoor Shelter**
- ⑦ **Brush Style Motor**
- ⑦ **Dickson Chart Recorder, 24 Hour**
- ⑦ **Stainless Steel Filter Holder**
- ⑦ **Filter Paper Cartridge**
- ⑦ **Non-FRM Sampler**
- ⑦ **Made in USA**

General System Specifications

- Particulate Size:** PM2.5 (TE-6001-2.5I)
- Flow Controller:** Mass Flow Controller (TE-300-310)
- Motor Style:** Brush (TE-5005)
- 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, 7 Day Mechanical Timer, Dickson Chart Recorder, Brush Style Motor Assembly, Mass Flow Controller, Elapsed Time Indicator, Box of Charts(100/box), Filter Paper Cassette, Stainless Steel Filter Holder

Calibration Equipment

TE-5028 -Variable Flow Calibration Kit

Available Models

TE-6070-2.5-HVS 110volts, 60Hz, 8 amps
TE-6070V-2.5-HVS 220volts, 50Hz, 4 amps
TE-6070XZ-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-116311-Replacement Brush Motor (110 volt)

TE-116312-Replacement Brush Motor (220 volt)

TE-33384- 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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