

PM2.5 MFC Brushless

with digital timer



PM2.5 MFC

Ambient Air Sampler

The TE-6070D-BL-2.5 is a high volume ambient PM2.5 air sampler featuring a mass flow controller (MFC), zero maintenance brushless motor and US EPA recommended digital timer for accurate and consistent particulate sampling. The mass flow 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 **Digital Timer**
- ④ **Multiple 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:** Digital (TE-303)
- Elapsed Time Indicator:** Digital, Hours and Tenths
- 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, Digital Timer, 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-6070D-BL-2.5-HVS** 110volts, 60Hz, 8 amps
- TE-6070DV-BL-2.5-HVS** 220volts, 50Hz, 4 amps
- TE-6070DXZ-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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