

PM2.5 VFC

with digital timer



VFC PM2.5

Ambient Air Sampler

The TE-6070DV-2.5 is a high volume ambient PM2.5 air sampler featuring a volumetric flow controller(VFC) for accurate and consistent particulate sampling and a US EPA recommended digital timer. 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 **Digital Timer**
- ④ **Multiple Elapsed Time Indicators**
- ④ **Aluminum Outdoor Shelter**
- ④ **Brush Style Motor**
- ④ **Dickson Chart Recorder, 24 Hour**
- ④ **Stainless Steel Filter Holder Filter**
- ④ **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)
- Timer:** Digital (TE-303)
- Pressure Recorder:** Dickson 24-hour chart recorder (TE-5009)
- Elapsed Time Indicator:** Digital, Hours and Tenths
- Flow Rate:** 40CFM, 1.13M³M
- 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, 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-6070DV-2.5-HVS 110volts, 60Hz, 8 amps
TE-6070DVX-2.5-HVS 220volts, 50Hz, 4 amps
TE-6070DVXZ-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

Tisch Environmental
 145 S. Miami Ave
 Cleves, OH 45002
 513-467-9000
 sales@tisch-env.com