

TE-6070V



VFC PM₁₀

Ambient Air Sampler

The TE-6070V is a high volume ambient PM₁₀ 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 is well suited for all applications that require the use of a Federal Reference Method high volume PM₁₀ 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.

- ⌚ **Meets EPA CFR, Appendix J to Part 50**
- ⌚ **PM₁₀ Size Selective Inlet**
- ⌚ **Volumetric Flow Controlled**
- ⌚ **7-Day Mechanical Timer**
- ⌚ **Elapsed Time Indicator**
- ⌚ **Aluminum Outdoor Shelter**
- ⌚ **Brush Style Motor**
- ⌚ **Dickson Chart Recorder, 24 Hour**
- ⌚ **Stainless Steel Filter Holder**
- ⌚ **Filter Paper Cartridge**
- ⌚ **30" Water Manometer**
- ⌚ **40 CFM**
- ⌚ **Made In USA**
- ⌚ **Federal Reference Method 0202-141**

General System Specifications

- Particulate Size:** PM10 (TE-6001)
- EPA Designation:** RFPS-0202-141
- Flow Controller:** Volumetric Flow Controller (TE-10557PM10)
- 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 Range:** 40CFM, 1.13M³M
- Housing:** Anodized Aluminum
- Filter Holder:** Stainless Steel, 8" x 10" (TE-6003V)

System Includes

Anodized aluminum shelter, PM10 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 Calibration Kit
TE-HVC-V Xcalibrator HiVol Calibrator

Available Models

TE-6070V VFC PM10 110volt, 60 Hz, 8 amps
TE-6070VX VFC PM10 220volt, 50 Hz, 4 amps
TE-6070VXZ VFC PM10 220volt, 60 Hz, 4 amps

Applications

US EPA Reference Method Sampling, CFR Appendix J Part 50

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-1854c Silicone Compound
TE-3000 Filter Holder Cartridge
TE-QMA 8" x 10" Micro-Quartz Filter Media
TE-33392 Motor Brush Set (110 volt)
TE-33378 Motor Brush Set (220 volt)
TE-115923 Replacement Motor (110 volt)
TE-116111 Replacement Motor (220 volt)
TE-106 Recorder Charts
TE-160 Recorder Pen Points
TE-5018 Gasket 8" x 10"

Physical Specifications

Weight: 75lbs, Shelter
60lbs, PM10 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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