



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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