

Continuous Duty TSP

Total Suspended Particulate, Volumetric Flow Controlled



Model No.

TE-CD-TSP

VFC TSP+

Ambient Air Sampler

The TE-CD offers an ultra quiet regenerative blower motor designed for continuous duty operation. Paired with a Volumetric Flow Controller this system is designed to last for many years with very low maintenance and limited down time. This system features a digital timer to ensure the sample schedules are maintain as accurately as possible. Multiple data logs and instantaneous flow rate calculations give the user access to live data for accurate and precise sampling. This product is designed for sampling periods longer than 24 hours and is ideal for sampling around RADIONUCLIDE storage facilities.

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.

- ⌚ **Ultra Quiet Regenerative Blower Motor**
- ⌚ **PLUS Technology Flow Recorder**
- ⌚ **Volumetric Flow Controlled**
- ⌚ **Digital Timer**
- ⌚ **Multiple Elapsed Time Indicators**
- ⌚ **Weatherproof Aluminum Shelter**
- ⌚ **Zero Maintenance Motor**
- ⌚ **USB Downloadable Data File**
- ⌚ **Stainless Steel Filter Holder**
- ⌚ **44 CFM**
- ⌚ **Made in USA**

General System Specifications

Particulate Size: Total Suspended Particulate (TSP)
EPA Designation: CFR 40 Part 50 Appendix B
Flow Controller: Volumetric Flow Controller, PLUS
Motor Style: Regenerative Blower Motor
Timer: Programmable Digital
Elapsed Time Indicator: Digital, Hours and Tenths
Flow Range: 44CFM, 1.24m³ /m
Housing: Anodized Aluminum
Filter Holder: Stainless Steel, 8" x 10"
Filter Holder: 8" x 10" Stainless Steel with hold down frame
Manometer: 30" Slack Tube Water Manometer

Applications

US EPA Reference Method Sampling, CFR Appendix J Part 50 Regulatory Compliance
Continuous Duty Applications
Nuclear Facilities
Institutional Studies
Construction Sites
Bridge and Water Tower Painting Sites
Fence Line Monitoring
Industrial Monitoring
Landfill Monitoring
Public Health Applications

Available Models

TE-CD-TSP, 110 Volt 60 Hertz, 8 Amps
TE-CD-TSPX, 220 Volt 50/60 Hertz, 4 Amps

Calibration Equipment

TE-5028 -Variable Flow Calibration Kit

Digital Timer Features

Programmable Sampling Schedule
Multiple Elapsed Time indicators
Internal Battery Backup
LCD Screen
Soft Press Keypad Buttons
US EPA Recommended

Optional Equipment

TE-3000 Filter Holder Cartridge
TE-G653 8" x 10" Glass Fiber Filter Media

Physical Specifications

Weight: 110lbs
Shipping Dimensions: 2 boxes 48 x 20 x 20 @ 55lbs each
Assembled Dimensions: 19" Wide X 25.5" deep x 53" height