

Introducing the PUF + Controller



Key Features

- Available with new PUF samples or retrofit into existing samplers.
- Microprocessor based system for flexible and accurate sampling.
- Auto Flow Calibration for easy and quick calibrations.
- Timer with Auto-Repeat supports 1-1, 1-3, 1-6 and sample schedules without having to reprogram the timer for each. Custom repeat interval also supported.
- Flow Control can be set for either ambient conditions or standard conditions.
- Reports Flow and Volume data for both Ambient and Standard conditions to comply with the latest EPA reporting criteria.
- Monitors and records minimum, maximum, and average values for Ambient Temperature, Ambient Pressure, Flow Rate, and Orifice Pressure for each test.
- Multiple Re-settable ETI (timers) track Motor Life, Calibration, and User events based on operating hours. Users are notified of critical points via the Alert Status indicator on the front panel
- Models also available for PM-10, TSP, and other high volume samplers.
- Optional removable memory for collecting data.
- Optional Remote Cable allows the system to be controlled via a data logger or other external source.

The TE-303 digital timer is the most accurate and user friendly digital timer available for TSP, PM10, PM 2.5, and PUF samplers. The EPA code of federal regulations recommends the use of a digital timer with an internal battery backup to insure sampling accuracy. The TE-303 digital timer can be used with any Tisch Environmental air monitors.



- Backlit LCD Display with soft press buttons.
- Custom and Default sampling schedule
- Multiple resettable elapsed time indicators to track motor life, calibration frequency, and user based events.
- Alert status indicator to alert user to check motor, calibrate system, or for user based events.
- Multiple resettable elapsed time indicators with status alert indicator to track motor life, calibration frequency, and user based events.
- Internal battery backup eliminates the need to reset timer after a power failure.
- Archived sample runs
- Sample can be paused or aborted at anytime.
- Manual motor control

TE-303 Digital Timer Plus Features

The TE-303 TP has all of the same great features as the TE-303 digital timer as well as the capability to record ambient temperature and barometric pressure. Also, the TE-303TP has a SD media card reader so that data, such as, temperature, barometric pressure, and a sampling data interval log can be store on a SD card and viewed using most spreadsheet programs.

TE-303 TP Digital Timer Plus Features

- Records Temperature and Barometric pressure.
- SD media card reader to transfer data to spreadsheet programs
- Data interval log
- Backlit LCD Display with soft press buttons.
- Custom and Default sampling schedule
- Multiple resettable elapsed time indicators to track motor life, calibration frequency, and user based events.
- Alert status indicator to alert user to check motor, calibrate system, or for user based events.
- Multiple resettable elapsed time indicators with status alert indicator to track motor life, calibration frequency, and user based events.
- Internal battery backup eliminates the need to reset timer after a power failure.
- Archived sample runs
- Sample can be paused or aborted at anytime. Manual motor control

Introducing the Tisch Environmental High Vol+ Controller



Key Features:

- Brush and Brushless models available for sale with new units or as a retrofit to existing samplers.
- Microprocessor based system for flexible and accurate sampling.
- Auto Flow Calibration using existing standard calibration orifices for easy, quick, and repeatable calibrations with minimal user interaction.
- Timer with Auto-Repeat supports 1-1, 1-3, 1-6 and 1-7 sample schedules without having to reprogram the timer for each. A custom repeat interval is also supported to allow for specialized sampling requirements.
- Flow can be set to be controlled for either Ambient or EPA Standard Conditions.
- Flow and Volume data are reported at both Ambient and EPA Standard conditions to comply with the latest EPA reporting criteria.
- Monitors and records minimum, maximum, and average values for Ambient Temperature, Ambient Pressure, Flow Rate, and Orifice Pressure for each test.
- An interval log records period averages for all sensors every 5 Minutes (user settable) to monitor sampler conditions at all times. The interval logs replace the need for a chart recorder that is typically used to monitor flow during sampling.
- A calibration log records calibration data each time unit is calibrated to provide a historical record of calibration. The last 64 calibrations are maintained in the system memory.
- A power log records all power failures. The last 64 power failures are maintained in the system memory.
- Multiple-Resetable ETIs to track Motor Life, Calibration, and User events based on operating hours. Users are notified of critical points via the Alert Status indicator on the front panel.
- Removable memory card to retrieve data without the need for a field PC. Data stored in comma-separated-values format (CSV) for easy importation into spreadsheets or data bases.
- Optional Remote Cable allows the system to be controlled via a data logger or other external source.
- Models available for PM-10, TSP, and PUF.