Particulate Samplers

World Leading Environmental Monitoring Systems
Medium and Low Volume Samplers

Enviro Technology supplies the class-leading Sven Leckel range of medium and low volume gravimetric samplers. These German made, rugged, stainless-steel constructed samplers offer the utmost in longevity and reliability whilst meeting EU CEN standards for PM$_{10}$, PM$_{2.5}$ and PAH sampling and reporting.

A range of inlets and impactor jets are available for Leckel samplers to enable sampling of PM$_{10}$, PM$_{4.0}$, PM$_{2.5}$, PM$_{1.0}$ and TSP.

In addition, PU foam cartridges can be used to sample for PAHs, PCB, PCDD, PCDF and PCP.

SEQ 47/50 Automatic Sequential Sampler (17 Filters)

- Stand-alone, stainless-steel construction, weatherproof designed for outdoor use (internal 19” rack-mount version also available for inside use).
- Automatic sequential sampling up to 17 filters
- 3 m$^3$/h or 8 m$^3$/h flow rate versions available.
- Sampling interval 1 hour through to 168 hours per filter.
- Cooled inlet system by sheath air and covered sampled filters.
- PM$_{10}$ and PM$_{2.5}$ measurements according to CEN EN 12341 (2014).

LVS3 / MVS6 Single Filter Sampler

- Reference Method sampler for PM$_{10}$ measurement according to CEN EN 12341.
- PM$_{2.5}$ Standard inlet according to CEN EN 14907.
- Stand-alone, stainless-steel construction, weatherproof designed for outdoor use.
- 3 m$^3$/h or 6 m$^3$/h flow rate versions available.
- PM$_{10}$ or PM$_{2.5}$ inlets available as well TSP inlet with PU foam cartridge for PCB, PCDD, PCDF, PCP and PAHs).
- Sampling interval 1 hour through to 999 hours.
High Volume Air Samplers

For high volume air sampling, Enviro Technology supplies instruments from the world-leading Swiss manufacturer, Digitel AG. Digitel samplers offer the very best in accuracy and precision and can be found on national networks and research stations the world over.

DHA-80 Automatic Sequential High Volume Sampler

- Suitable for PM$_{10}$ measurements according to CEN EN 12341.
- Other inlets available for PM$_{2.5}$, PM$_{1.0}$ and TSP.
- Automatic filter changing of up to 15 filters.
- Large 150 mm filter diameter.
- Constant and precise air flow, adjustable from 100-1000 l/min (6-60 m$^3$/h).
- Options available for PAHs and other chemical analysis.
- Low-maintenance operation, mean time between failure of blower 36,000 hours.
- Stand-alone, weatherproof, air-conditioned (or non air-conditioned) enclosure.
- 19" rack-mount version also available for internal use.
- Wide range of options and configurations.

DH-77 Single Filter Aerosol Sampler

- Suitable for PM$_{10}$ measurements according to CEN EN 12341.
- Other inlets available for PM$_{2.5}$, PM$_{1.0}$ and TSP.
- Manual filter change, one filter holder for 150 mm diameter filter.
- Constant and precise air flow, adjustable from 400-600 l/min or 100-1000 l/min.
- Stand-alone, weatherproof enclosure.
- Low-maintenance operation, mean time between failure of blower 36,000 hours.
Portable Samplers

Combined Laser Backscatter Particulate Monitor / Sampler

The E-SAMPLER is the most feature-packed light-scatter Aerosol Monitor available. Whatever your monitoring need the E-sampler will provide accurate, dependable and relevant data.

The E-SAMPLER is a dual technology instrument that combines the unequalled real-time measurement of light scatter with the accuracy standard of filter methods. The simple filter loading process testifies to the seamless blending of both technologies.

MiniVol Portable Battery Powered Air Sampler

Implementing patented lowflow technology, the MiniVol® TAS is a versatile and reliable sampling platform that is attractive to end-users worldwide. Although specifically designed for “saturation” sampling, the MiniVol® has been routinely used in a wide variety of applications such as - fugitive dust studies, remote location sampling, indoor air studies, fence line monitoring and ambient air sampling.

ARA N-FRM Combined Monitor / Sampler

The ARA N-FRM ("Near" FRM) is a portable, rapidly deployable, battery-powered particulate sampling and monitoring device. It delivers Federal Reference Method (FRM) level of performance and integrates many additional functions for unmatched versatility.

The compact-sized sampler collects 24-hour TSP, PM$_{10}$, PM$_{2.5}$, or PM$_{1.0}$ filter samples and can simultaneously measure local meteorological parameters.
Precipitation Sampler

DRA-12 Automatic Precipitation Sampler

For the automatic collection and air-conditioned storage of rain and snow samples for later analysis.

Radionuclide Sampler

Digitel nucleAIR

Fully automatic system to sample dust and aerosol particles for later radionuclide analysis using gamma-spectrometry etc.

- Stand-alone, rugged, weatherproof enclosure for field use.
- Constant and precise air-flow, long sampling period, high performance side channel blower up to 500 l/min (30 m³/h) during one week sampling interval.
- Filter diameter 90 mm (80 mm sampling area).
- 2 x filter stacks for 36 x filter holders.
- Fully automatic operation and filter changing.
Other products

Visit our website to download other product brochures  www.et.co.uk