

The AeroExplorer Sampling System Particulate or Trace Gas Monitoring

**Robust design capable of long-term remote operation under harsh conditions.
Ideal for fence-line monitoring or source apportionment studies.**

Fully programmable sampling schedule

- Sample by time and date
- Sample by wind direction

Particulate Monitoring



Single Inlet System
Sequential Sampling

Sampling Range

PM 1 ↔ PM 10

- Automatic sampling of any two sizes
- Manual sampling across all sizes

Filter cartridge holds 8 filters.
Cartridges prevent filter contamination
and are easy to change



Dual Inlet System
Simultaneous sampling

Trace Gas Monitoring

**System holds 4 denuders
for direction or time sampling**

**Collect at flow
rates from 0 – 7 lpm**



Can measure:

- **Acidic gases:** (SO₂), (NO_x), (HNO₃), (HCl)
- **Basic gases:** (NH₃)
- **VOCs**
- **Reactive gases:** (O₃)
- **Various organic acids**