

frmOMNI - Filter Reference Method "Mini" Sampler.



BGI, Waltham, Massachusetts, introduces the **frmOMNI**, the first "Mini" Ambient Particulate Sampler that truly replicates EPA designated FRM samplers. The BGI **miniPM** miniaturized multi-cut Inlet design, for TSP, PM10, PM2.5 and PM1 is verified by the HSE for entry bias, providing EPA Reference Method type data quality, and at a third of the EPA FRM cost. The portable, light weight sampler (< 3 lbs.) offers AC and solar powered operation and runs for up to 48 hours on DC power.

The **frmOMNI** is simple to operate and is ideal for International applications, fence line monitoring, remediation projects, saturation networks (per 40CFR, Part 58), lead monitoring, IAQ and remote location sampling.

Background

The US Environmental Protection Agency (EPA) encourages State and local Air Monitoring Groups to conduct short-Term Multi-Site pollutant monitoring studies using small portable samplers.

The concept is to "Saturate" an area with easily deployed, inexpensive filter samplers, to assess air quality in areas with high concentrations of pollutants or at reclamation sites.

The additional data acquired using saturation samplers helps air pollution control agencies to evaluate their monitoring networks consistent with requirements in 40 CFR Part 58.

Saturation Monitoring may also be conducted to characterize the spatial distribution of pollutant concentration or to evaluate the contributions of sources in support of receptor modeling (source: www.epa.gov/ttn/amtic/satmon.html).

Features

- Mini-EPA type Multi-Cut Inlet. PM10, PM2.5, PM1 and TSP.
- Portable < 3 lbs (1.3 kg).
- Power AC, Solar or CD up to 48 hours.
- Ideal for Fence Line Monitoring, Remedations Studies, Saturation Networks and Remote Location Sampling.

...the frmOMNI provides Reference Method type Data Quality for One Third of the Cost

Ordering information

FRM Omni (5.0 lpm Flow Rate)

5000	FRM Omni w/ Mini PM Set Up for TSP
5001	FRM Omni w/ Mini PM Set Up for PM 1.0
5002	FRM Omni w/ Mini PM Set Up for PM 2.5
5003	FRM Omni w/ Mini PM Set Up for PM 10.0
5004	FRM Omni w/ Mini PM Complete for TSP, PM 1.0, 2.5, 10.0 Monitoring

Accessories / Spare Parts

2599	TSP Jet for Mini PM
2618	PM 1.0 Jet for Mini PM
2617	PM 2.5 Jet for Mini PM
2616	PM 10.0 Jet for Mini PM
5005	FRM Mounting Bracket (for use on flat surface or circular dia. up to 15")
5006	FRM Tripod Stand
F212	Filter Cassette, 46.2 mm

Mini PM (5.0 lpm Flow Rate)

5007	Mini PM Set Up for TSP
5008	Mini PM Set Up for PM 1.0
5009	Mini PM Set Up for PM 2.5
5010	Mini PM Set Up for PM 10.0
5011	Mini PM Complete for TSP, PM 1.0, 2.5, 10.0 Monitoring

Accessories / Spare Parts

2599	TSP Jet for Mini PM
2618	PM 1.0 Jet for Mini PM
2617	PM 2.5 Jet for Mini PM
2616	PM 10.0 Jet for Mini PM