

HIGH VOLUME SAMPLER ECOTECH MODEL AAS 208NL

High Volume Samplers are the basic instruments used to monitor Ambient Air Quality. They are in widespread use all over the world to measure air pollution in industrial areas, urban areas, on the shop floors, near monuments and other sensitive areas. In these samplers, air borne suspended particulate matter (SPM) are measured by passing air at high flow rate through a high efficiency filter paper which retains the particles. An attachment has been provided for simultaneous sampling of gaseous pollutants.

It is having a high speed blower with a Brushless motor which has replaced the conventional high speed blower where carbon brushes were required to be replaced at regular intervals. There is no need to keep a track of wear off of carbon brushes. Noise level has also been reduced. PVC tubing has been replaced by more reliable silicone tubing. Lighting facility has also been added to facilitate monitoring at night. It is lighter, more compact, as usual can be carried in a car dickey and thus ideal for field use.



Technical Specifications :

Flow Rate: 0.6 to 1.8 m³/min (free flow)

Particle Size: Down to 1.6 micron depending upon filter used.

Recommended Filter: GF/A (8" x 10") Whatman make, for common use and EPM 2000 for heavy metal.

Sampling Time Record: 0 to 99999.99 hrs. Time totalizer records the running time in hours.

Automatic Sampling: 24 hour programmable timer, sampling at required intervals can be conveniently programmed.

Power Requirement: 220 Volts, 2 amps, Single phase AC

Size & Weight: 440 x 440 x 820mm (with Gable roof)

Weight: 25 kg. (approx.)

Salient Features:

- Unique flow measurement system using an orifice plate directly calibrated in m³/min.
- Provision to monitor gaseous pollutant using Gaseous Sampling Attachment.
- Separation of gable roof from main housing, making the system more rugged and compact for easy transportation.
- 24hr programmable timer.
- Brushless blower eliminating problem of periodic replacement of carbon brushes and shooting noise.

WARRANTY

ALL ECOTECH PRODUCTS CARRY ONE YEAR WARRANTY



For pricing information and queries contact:

ECOTECH INSTRUMENTS

K-127, UPSIDC Industrial Area, Site-V, Kasna, Greater Noida, (Uttar Pradesh)

Phone: 91-0120-2341127, 09810392043, **Fax:** 91-0120-2341128

email: ecotechinstruments@gmail.com