

# GASEOUS POLLUTANTS SAMPLER

## ECOTECH MODEL AAS 118

The AAS 118 Gaseous Pollutants Sampler is designed for sampling of various gaseous pollutants present in ambient/indoor air. In sampler air is bubbled through specific reagents kept in impingers where gaseous pollutants like SO<sub>2</sub>, NO<sub>2</sub>, NH<sub>3</sub>, Formaldehyde, O<sub>3</sub>, etc. get absorbed. Later collected samples can be analyzed as per standard wet chemistry method.

The AAS 118 is an independent stand alone monitoring instrument, where a suction pump is also made an integral part of the sampler, besides Digital Timer and Time Totalizer, and other accessories so that HVS/RDS is not needed for gaseous pollutants monitoring in field.

In AAS118 improved valve design has been incorporated which ensure that flow is not reduced significantly during sampling period due to deposition of fine particles escaping from impingers

The AAS 118 is housed in a robust powder coated cabinet designed for outdoor field use. The unit is small, and light weight. Provision for simultaneous sampling of four gaseous pollutants is available in the sampler.

**All Ecotech products can be opened using single key. Rust free stainless steel hardware used in all Ecotech products.**



### TECHNICAL SPECIFICATIONS

(i) Absorbers Provided	: 4 Nos. 35ml Borosilicate Glass impingers as per BIS 5182(Part 6) 2006
(ii) Sampling Rate	: 0.3 -3.0 lpm measured using acrylic body Rotameter
(iii) Sampling Train	: Through manifold having 4 inlets and 1 outlet with built in needle valves for flow control at each inlet
(iv) Sampling Time	: 28 hours
(v) Sampling Time Record	: 0 to 9999.99 Hrs.
(vi) Time	: 0 to 9999.99 hrs recorded on a Time Totalizer
(vii) Power Requirement	: Nominal 220V, Single Phase 50 Hz AC.
(viii) Sampling Pump	: Heavy Duty for suction upto 15lpm.

### 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](mailto:ecotechinstruments@gmail.com)

