

# GASEOUS SAMPLING ATTACHMENT

## ECOTECH MODEL AAS 109

The AAS 109 Gaseous Sampling Attachment is designed for simultaneous sampling of any four gaseous pollutants present in ambient 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>, and O<sub>3</sub> get absorbed. Later collected samples can be analyzed for specific pollutants as per standard wet chemistry methods prescribed by BIS.

AAS 109 is an attachment for Respirable Dust Sampler. Small suction (upto 3lpm) of the sampler pump is connected to manifold of the attachment from where it is connected to outlet of the impinger. Suction is controlled though provided four needle valves to set desired flow rate (0.3 to 3 lpm).

Cabinet of attachment is powder coated thus even if some absorbing reagent spills on it corrosion is not expected. Ice tray is made up of molded fiber sheet with PUF packed on the walls. Silicon tubing is used for interconnection. Impingers fitted in the sampler are of standard design as prescribed by BIS 5182(Part6)2006.



**All Ecotech products can be opened using single master 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 2% accuracy FSD.
(iii) Sampling Train	: Through manifold having 4 inlets and 1 outlet with built in needle valves for flow control at each inlet.
(iv) Controlled Suction	: From sampler blower/pump directly connected on manifold through silicon tube.
(v) Size and Weight	: 265 x 170 x 425 mm, 5 Kg

### WARRANTY

**ALL ECOTECH PRODUCTS CARRY ONE YEAR WARRANTY**



For pricing information and queries contact:

## **ECOTECH INSTRUMENTS**

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