



APM 411



APPLICATION

APM 411TE has been developed as an attachment of High Volume Respirable Dust Sampler with all needed facilities and provisions for sampling Gaseous pollutants. It is a sampling instrument for monitoring of SO₂ and NO₂ in ambient air besides many other gases like H₂S, Cl₂, F₂, NH₃, Mercaptans etc. which are absorbed in aqueous medium. Provision has been made for sampling four gases at a time.

Gaseous sampling requires only a few LPM of air flow rate. In the process of gaseous pollutant monitoring, sampled air is bubbled through suitable reagents that absorb specific gaseous pollutants and the absorbing media is analyzed as per standard wet chemical methods. The impingers' temperatures can be maintained lower than the atmospheric temperature by using ice.

FEATURES

- Easy manipulation of impingers.
- No heating up of absorbing solutions due to heat from the blower. Provision of using ice or cold water bath around impingers for complete absorption of sparsely soluble gases.
- Facility of taking the impinger tray directly to the laboratory for safer transit of glass parts.

SPECIFICATIONS

Flow Rate	0.2 to 3 LPM, accuracy : 2% of span.
Flow Control	Four inlet and one outlet with built in needle valves for flow control of each impinger.
Sampling Train	4 Nos. of 35 ml Borosilicate glass impingers.
Size	240 x 125 x 350mm.

NEED

Gaseous pollutants need to be monitored in the ambient air along with the particulates. APM 411 is an attachment to a particulate sampler for simultaneous sampling of gaseous pollutants.



For More Information Contact

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SPECIFICATIONS

Flow Rate	0.3 to 3 LPM, accuracy : 2% of span.
Flow Control	Four inlet and one outlet with built in needle valves for flow control of each unit.
Sampling Train	4 Nos. of 35ml Borosilicate glass impingers.
Sampling Time Record	0 to 9999.99 Hrs
Size	240 x 125 x 350mm.

1
Year
Warranty

*Specifications are subject to change without any prior notification



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