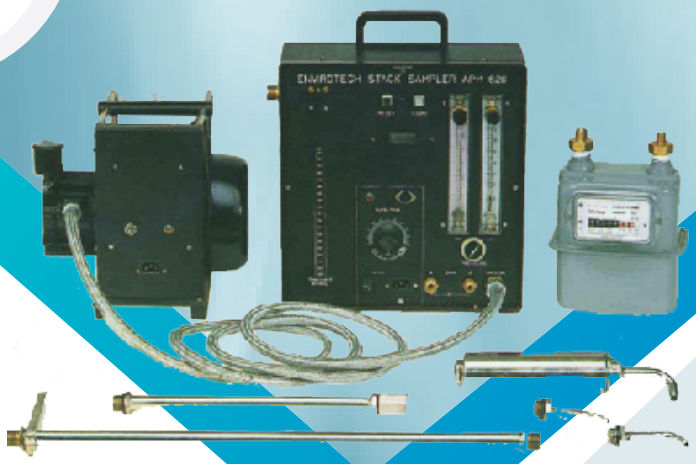
Envirotech
We Care for Better Air

APM 602 & APM 620



APPLICATION

APM 620 is a cost effective routine stack sampling system designed to monitor concentrations of pollutants in industrial emissions. Only repeat and frequent monitoring can give a true insight into the emission characteristics and therefore the Pollution Control Boards, all over the country are now laying emphasis on emission data collected more frequently rather than one or two very precise grab values,
It is thus more important to have a simpler and handy device, which can be used often with ease and convenience, rather than a bulky and cumbersome system.

OPERATING PRINCIPLE

The operating principle is simple, it entraps and absorbs various gaseous pollutants like SO_2, NO_2, HF, Cl_2, H_2S, NH_2, etc., in suitable reagents, which are analysed subsequently by simple Wet Chemistry methods to determine the concentrations of specific pollutants. The particulate matter is collected as usual over a filtration thimble.

NEED

Normally a stack sampler has provisions for measurement of stack temperature, pressure/ velocity and flow rate in a single instrument. But, providing all these features in a single instrument makes the stack sampler bulkier and heavy. To make the sampling easier and convenient the conventional stack sampler is split in two parts APM 602 & APM 620. APM 602 is a standalone device for measurement of stack temperature and stack velocity whereas APM 620 enables isokinetic sampling at the flow rates derived from the temperature and velocity data. Splitting the sampler in two parts makes it very convenient for field use especially for doing sampling at high stacks.

OPTIONAL ACCESSORTES

- Heated Probe system suitable for use in high moisture conditions
- Extension Vacuum Hose Pipe metal braided 10 mtr. long
- Fluorine Kit,
- Differential Density Manometer
- Cyclone, Dry Gas Meter .
- ApparatusforNOxMonitoring,CarbonMonoxideBottle
- Chemical Kit for Sampling and Analysis etc