



### Introduction

In recent years Online Emission Monitoring Technology has received attention and interest in context of providing accurate and continuous information on particulate matter/ gaseous emission from stacks. There are already commercially available systems for monitoring parameters such as PM, HCL, SPM, SO<sub>2</sub>, CO, O<sub>2</sub>, CO<sub>2</sub>, NO<sub>x</sub>, SO<sub>x</sub>, etc. The Continuous Emission Monitoring (CEMS) System comprises of the total equipment necessary to determine the concentration of gaseous emission and/or particulate matter concentration and/or emission rate using analytical measurement.



Alarms For  
Low & High



Specific Sensors



Automatic  
Operation



Low Cost Of  
Maintenance

## Features -

- Data Uploading Time 1 Min To 30 Min.
- Online Remote Calibration (Optional).
- Online Calibration Of Gases.
- Online System Failure Alarms (Optional).
- Build In Cloud Connector For Online Data Transfer.
- Sampling Time Variable From 1 Sec To 999 Sec.
- Data storage Time Up to 90 Days (Optional Up to 1 Year).
- Online Fault Diagnostic Feature.
- Password protection For Users And Pollution Board.



## Technical Specification

Sensors	Technology	Measurement Range	Operating Temp	Power supply
SOX	NDIR/EC	0-1000 ppm	0-45°C	5 – 32V DC
NOX	NDIR/EC	0-1000 ppm	0 -45°C	5-32V DCv
CO2	NDIR/EC	0-2550000 ppm	10-45°C	5-32V DCv
CO	NDIR/EC	0-10000 ppm	10-45°C	5-32V DCv
O2	NDIR/EC	0-2550000 ppm	0 -45°C	5-32V DCv
SPM	Optical	0 – 1000 ppm	10 -40°C	5-32V DCv
HCL	NDIR/EC	0-1000 ppm	0-45°C	5-32V DCv

