



Detect Monitor Analyse

“

**Only with a clean
environment &
intention, rises a
clean, great nation.**



Dr. Pritesh M. Shah, Ph.D.
Chairman




About Us

Welcome to Prima Equipment – your trusted partner in pollution, environmental and safety monitoring solutions for over 30+ years. Since our inception, we have been at the forefront of technological innovation in Emission Monitoring, Safety Monitoring, and Ambient Air Quality Monitoring.

Our team of experts is dedicated to continual research and development, ensuring that our solutions are not only in line with current regulations but are also future ready. We trade Pride in our ability to offer customised solution that address the specific challenges and objectives of our clients.

Prima Equipment is more than just a provider of environmental monitoring solutions; we are a partner in your journey towards a safer, cleaner, and more sustainable future. Join us in our commitment to protect the environment and contribute to a healthier planet for generations to come.



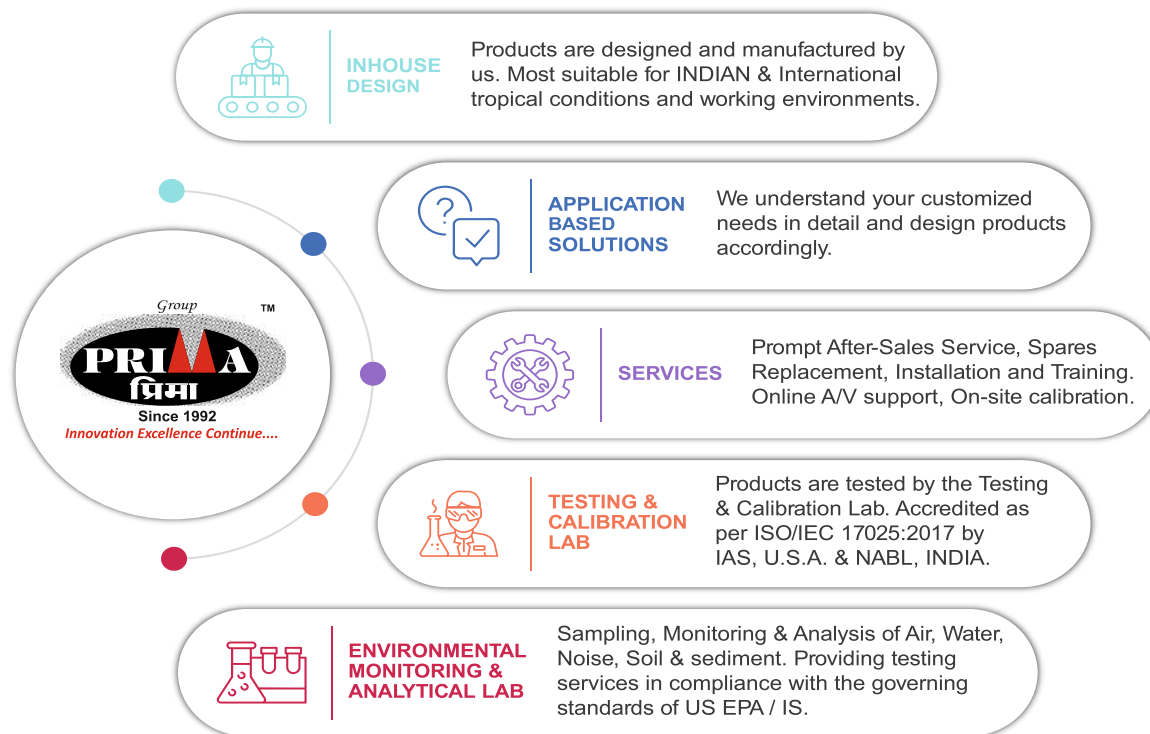
OUR MISSION

Our Mission is to provide advanced, reliable, and user-friendly equipment and services that ensure compliance with environmental standards and promote sustainable practices to ensure cleaner, safer air and workplaces for our global community. We aim to provide quality products at a fair price.

OUR VISION

Our vision is to be the global leader in pollution, environmental and safety monitoring technology, driving a safer, healthier, and more sustainable world for future generations.

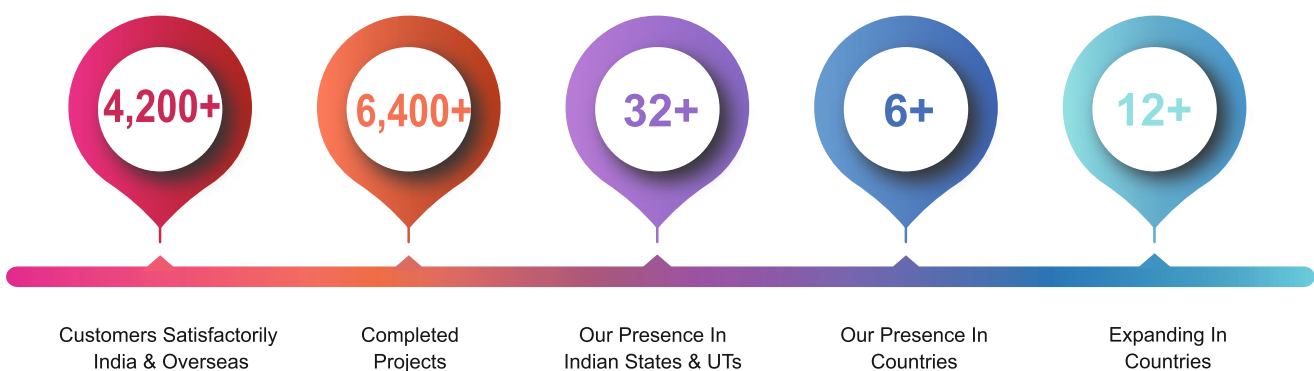
OUR APPROACH



OUR RESEARCH & DEVELOPMENT

PRIMA is certified to international standards with state-of-the-art in-house R&D, ECAD, and MCAD design along with an in-house ESD room for electronic PCB assembly, production, testing, and certified quality check of manufactured equipment. Major products are TUV certified for CE mark norms with certification from the Quality Council of India. For better performance evaluation & testing of products, PRIMA products are tested & calibrated by Testing & Calibration Laboratory confirming to international standards.

OUR GROWTH



EMISSION MONITORING



PSGM-1-D-AGS

Gas and Dust Emission Monitoring is the process of monitoring the emissions coming out of the stacks to keep a check on the pollutants thrown out in the air. Usually, this gas & dust emission has to be measured on a continuous basis.

The Emission of gases & dust from different industrial processes can create pollution of the air, cause global warming, and affect human health.

As a solution, industries install/use Continuous Automated Emission Monitoring Systems for single and multiple gas measurements. The major emission gases are Sulphur Dioxide (SO₂), Nitrogen Oxides (NO_x), Carbon Monoxide (CO), Hydrocarbon (HC) Gases etc. depending on process.

QAL-1

✓ TESTED

ACCORDING TO EN 14181



PE-SPMMS-C91



PSGM-1-D-AGS

PROCESS GAS MEASUREMENT



PISO-19

Process gas measurement is required to ensure impeccable and effective working of the plant and process.

Processes that require gas measurement are Process Vent, Scrubber Vent, and Chemical Reaction Vent emission measurement depending upon the application requirement. Process gas measurement can be of portable or fixed point for different gases like, CL₂, HCL, NH₃, SO₂, NO_x, HC, H₂S, VOC, O₂, etc.

Applications are in process control and optimization, quality control.

COMBUSTION EFFICIENCY MONITORING



FGM

Operating a boiler, or furnace with an optimum amount of excess air will minimize heat loss of the stack and improve combustion efficiency. Combustion efficiency is a measure of how effectively the heat content of a fuel is transferred into usable heat. The stack temperature and flue gas oxygen, carbon monoxide, and carbon dioxide concentrations are primary indicators of combustion efficiency.

To ensure the combustion efficiency of fuel is high and flue gas emissions are within the restricted limit, portable equipment like a flue gas monitor should be used.

ENVIRONMENTAL MONITORING



CAAQMS



PAS-25



MICRO 101+



CAAPEMS-91

Environmental pollution can affect human health and cause a decrease in lungs, eyes, nose, etc. Measurement of Indoor and outdoor Environmental pollutants can aware user about the presence of concentration of pollutants surrounding them and hence they can take respective corrective action.

Environment monitoring can be done by ambient air quality monitoring systems, ambient air gas, dust, and odor monitoring.

Ambient air quality monitoring can be done by ambient air gas, dust, odor and weather parameters monitoring. Air sampler can be used for data collection and further analysis.

Indoor air quality monitoring is required to check the quality of air inside the close area.

Parameters of environment monitoring include 18+ Different gases like SO₂, NO_x, O₃, CO, CO₂, VOC, BTEX, PM₁₀, PM_{2.5}, PM₁, Odour, ambient temperature, humidity, pressure etc.

QUALITY CONTROL MONITORING



TGA-1

Quality Control is an integral part of any process. Analysis of the quality of processes is an important concern for maintaining High Quality process output.

Quality needs to be maintained by considering trace oxygen impurities in food packages, inert gases, quality of generated gases, process monitoring, etc.

Measurement of gases depends on the application and processes done in the target industry.

SAFETY & OCCUPATIONAL HEALTH MONITORING



OA



FGD



SGM-1P



PGD

Health and safety are an integral part of the industrial work environment.

Monitoring of safety of your surrounding area is the most essential and critical concern for human occupational, health and safety.

A safe work zone can be created by considering the following:

- Personal safety
- Industrial area surveillance
- Ambient gas and dust measurement
- Impurity measurement in reactors

Are you safe in the area where you are working ?

A personal safety gas detector is used to check the conformity of the area where you are working.

Personal safety detectors can be for single gas or for multiple gases depending on the area and application.

The major gases to detect for personal safety are O₂, Cl₂, HCL, VOC, Combustible, SO₂, HCN, COCL₂, NH₃, HF, HC, H₂, H₂S and many more.

WATER / EFFLUENT QUALITY MONITOR



CBTUV-I-109



PPH-01

Different categories of industries discharge their effluent directly or indirectly into the nearby river or into the ground, which causes pollution of water bodies.

Installation of an online water/effluent quality monitoring system at the outlet of the identified units is required for the measurement of parameters like pH, COD, BOD, TOC, TSS, and other sector-specific parameters. This helps industries take the required action to negate these parameters.

OUR CHERISHED CLIENTELE



& many more.....

CONTACT US

Prima Equipment

Designer & Manufacturer:

Pollution & Environment Monitoring Equipment

Corporate Office:

21, 3rd Floor, Lohana Building,
Raopura, Vadodara - 390 001, Gujarat, India

Works & R&D:

Block No. 128, Dabhasa - Umraya Road,
Opp. Zydus Lifesciences Ltd, Village: Dabhasa,
Ta. Padra, Dist. Vadodara - 391 440, Gujarat, India

+91 82380 37591

+91 75748 56749

+91 75748 56750

info@primaequipment.com

www.primaequipment.com

