



EPA Sampling kits[®] Emissions & Process Monitoring

Make a Smart Choice – When it comes to Stack Sampling go EPA Sampling kits[®]

APPLICATIONS :

- Coal and Other Fossil Fuel Power Stations
- Cement & Lime Kilns and Generation Facilities
- Bio-Mass Fueled Power Plants
- Steel Mills & Metal Industries
- Cogeneration Facilities
- Paper & Pulp Industries
- Gas Fired Turbines and Boilers
- Chemical & Pharmaceutical Industries
- Refuse and Waste Incinerators
- Refineries and Oil Processing Plants

FEATURES :

- True Iso-Kinetic Sampling
- Automatic Computation of Online Linear Velocity, Iso-Kinetic Flow Rate
- Automatic Control to Iso-Kinetic Conditions
- Ideal Nozzle Size Computation
- Computation of Number of Traverse Points and Their Distances
- On-Line Condenser Temperature Measurement & Moisture Correction
- Automatic Recording of Data
- Compact, Lightweight, Portable & Battery Operated
- All US EPA Methods covered
- Complete Training

PRODUCT DESCRIPTION:

Automatic Stack Monitoring System is an advanced automatic sampler for sampling of particulate matter, moisture and other pollutants emitted from industrial stacks and ducts. Sampling of particulate matter is carried out under iso-kinetic conditions. It guides the user in the selection of the ideal nozzle size, traverse points and placement of probes.

Ideally designed for stack emission monitoring based on the US EPA methodologies, Stack Monitoring System is a highly advanced automatic sampler, which facilitates the sampling of particulate matter maintaining iso-kinetic conditions, moisture and gaseous pollutants in stacks and ducts. It is programmable to select the required mode of sampling for particulate, moisture or gaseous sampling. Moisture Content can be evaluated by setting mode of sampling to moisture and sampling for preferably up to half an hour. Gaseous mode allows the samples to be collected in specific adsorbing chemicals for further analysis. The system provides for a constant flow mode for particulates for use in cyclones.

Indusmation LLC also provides sample custody, transport, analysis & reports



Sampling Modules:

Full Extractive - Hot Wet
Full Extractive - Cold Dry
Dilution Extractive
EPA Methods compliant
Sampling probes

Analyzer Modules:

Non-Dispersive Infrared (NDIR) Ultraviolet (UV)
Chemiluminescent (CLD)
Heated Total Hydrocarbon (THC)
Paramagnetic
Cold Vapour Atomic Absorption Spectroscopy (CVAAS)
Laser

Components and accessories:

Control Systems and Software
DAHS and AB
LaserSOFT[®]
Calibration Systems
Shelters and Enclosures
Parts & Accessories

Types of Gases & Parameters Monitored:

GHG, Hg(0), Hg(2), metals
H₂, HCL, HF, H₂S, THC,
CO, CO₂ CH₄, O₂
NO, NO₂, NO_x, NH₃,
SO, SO₂, SO₃, SO_x
Opacity, Dust, PM
Acid Dew Point
Flow, Temperature & Pressure, Furans, Dioxins
Custom Applications

**Freedom Services®**

Indusmation Freedom Services® Package

- Professional Engineering resulting in Proprietary Monitoring Solutions with Proven Performance and Minimal Support Requirements
- Extensive Engineering Experience, providing Environmental Technology Solutions to Fortune 500 Industries and Companies
- Individualized Custom Design, addressing Monitoring and Reporting Requirements & Challenges in Specific Industrial Environments
- Reduced Acquisition and Ownership Cost as a result of Optimization and Innovation
- Uncompromised Durability, Quality and Reliability of Measurements
- Highly skilled Professionals performing Fast, Responsive Installation, Maintenance and Emergency Services and Certification Support
- On-site and Factory Training for your Operations, Service and Maintenance Personnel
- A Comprehensive Inventory of Spare Parts and Accessories to support our Equipment
- Personalized Phone and E-mail Support, 24 hour Emergency Line
- A Network of Representatives covering most of the United States Territory and offering Local Sales and Service Support. International Representatives in Canada, Mexico, The Middle East, India and China



Applications Engineering

Our expert engineers use decades of industry experience to provide the perfect solution for each customer. We understand that each application is unique and take a customized personal approach to designing the right CEMS for the application. With this in mind, all the systems we provide are extremely durable and engineered to last.

Turnkey sampling systems Integration

We provide turnkey sampling Systems solutions. With every system we engineer, We will also offer installation, start-up support, on-site training, and initial calibration. In addition we provide complete project management to keep you up to speed throughout the entire start up process. With this kind of support Indusmation ensures that with the purchase of any system you will be up and running in no time.

System Installation and Start-up

We believe in providing its customers complete solutions with all our products. This means that we will have your system working effectively with full installation and start up services.

Preventive Maintenance

We provide maintenance programs that work for our customers on a monthly, quarterly, semi-annual, or annual basis. Our nationwide team of service technicians is always available at your convenience, should you need an emergency site visit. Our service technicians are trained and certified in accordance with applicable industry safety requirements (OSHA), EPA reporting and certification, and have experience with analyzers and systems, whether its our own models, or third-party equipment.



Training

Our knowledgeable engineers will provide your staff with comprehensive on-site training to make them experts in the operation and routine maintenance of your system. Whether it's a calibration or creating a compliance report, after our extensive training sessions your staff will have no problem keeping your monitoring system working effectively on a daily basis.

Emergency "Rapid Response" Support

With the Freedom Services® Program, we provide immediate and efficient service and support to help solve whatever dilemma your system may be experiencing. We have 24/7 technical support, a large inventory of spare parts, and most importantly on-hand service technicians ready to assist at a moment's notice should you require an on-site visit.

Quarterly & RATA Certifications

Every engineered system is designed to meet your compliance needs. Throughout the design and installation process we will ensure that your system meets EPA compliance regulations such as 40CFR60, 40CFR75, among others. we have been providing compliance reporting for decades and is a recognized leader in the industry. Speak to our representatives today to find out why.