SARVESH ANALYTICS Pvt. Ltd.

Company Profile

Analysis Simplified

Gas Analysers

Smart Systems

Sampling Components

Gas & Liquids Filters

Tele: 91 - 94 2300 4179

email: info@sarveshindia.com

www.sarveshindia.com

SARVESH ANALYTICS Pvt. Ltd.

Analysis Simplified

Sarvesh Analytics Pvt. Ltd. was established in the Year 2002 in the Educational and Industrial Hub of Pune city in INDIA. Since then it has been involved in the Research, Development, Integration and Production of a wide range of Gas Analysers, Sample Handlings Components and Systems.

We believe in creating mutual relationships that make your journey effortless. Our Concept to Commissioning (C2C) and System Health Management (SHM) Models are a testament to that. Our Products and Services have been acclaimed by both our Partners and Customers worldwide.

We are an Innovative, Technology Driven and Creative Team with core expertise in Applications, Engineering, and Design. Our team's focus on Support and Product Health Management helps you to achieve a clear process pathway to ultimately meet your process objectives.

We aim to instill a positive business and technical culture that enables our team to grow and flourish. They ultimately provide you with the solutions and experience to enable you to transform your business.



OUR QUALITY POLICY

We are committed towards not just Quality and Reliability but also Total Customer Satisfaction.

We believe that any quality policy should act as a driver for continual improvement.

We are committed to continuous improvement of our manufacturing, management and service systems.

Our quality certifications include ISO 9001:2015 from TUV.

OUR VISION

To be the most Reliable and Trusted Company for Gas Analysers



HF HeadlineFilters

We are **Exclusive Representative** for **M/s Headline Filters Ltd. UK,** for their complete range of Filters Housings and Elements.



We have the most innovative product line up which help you improve your

Product Quality,

Process Efficiency and / or

Process Safety.

Our Products and Solutions have proven track record of giving consistently Accurate Measurements, High up-time and Low Cost of Ownership.

Need a lasting and Reliable Gas Analyser Solution....

Look no further

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SARVESH ANALYTICS Pvt. Ltd.

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We have Gas Analysers for following Applications

Air Separation / Gas Manufacturing
- Cryogenic Separation
- PSA and Membrane Technology
- Storage tanks / Cylinder Refilling
- Product Quality Certifications
- Electrolysis

Pharmaceutical / Agri-Food Processing
- Inerting / Blanketing / Safety Monitoring
- Closed Loop Dryer, Tube Bundle Dryer
- Fermentor / Bio-Reactor

Heat Treatment
- Galvanizing Furnace
- Color Coating Furnace
- Coal Rolling Mill
- Carburization Furnace
- Annealing Furnace

Aerospace and Defense/ R&D Labs

Semiconductors

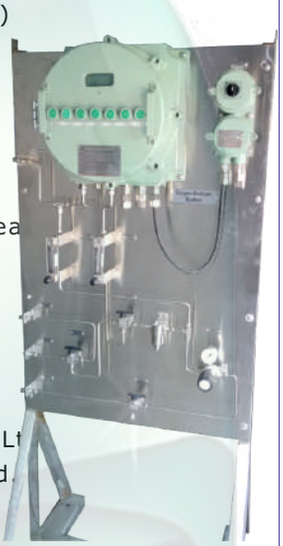
Chemicals / Petrochemicals / Fertilizers
- Reactor Vessels
- Open and Closed Loop Processes
- Hydrogenation Process
- Safety / Quality monitoring of Processes
- Pyrolysis, Coal Gasification / Syngas
- Catalysis and Synthesis
- Spray Dryers

Iron and Steel, Metals
- Coke Dry Quenching
- Coke Oven & Blast Furnace
- Basic Oxygen Furnace
- Sintering & Soaking Pit
- Heat Treatment Furnace

Power and Emission Monitoring
- Boiler and HRSG
- Waste Gas Process stacks
- Stack Monitoring Systems

Our Esteem Customers

Adani Power Maharashtra Ltd.
Akums Drugs & Pharmaceuticals Ltd.
Anjan Drugs Pvt. Ltd.
APL APOLLO Tubes Ltd.
Apotex Pharmaceuticals (I) Pvt. Ltd.
ARAVALI Power Co. Pvt. Ltd. (NTPC)
Aurobindo Pharma Ltd.
Bharat Petroleum Corporation Ltd.
Birla Furukawa Fibre Optics Pvt. Ltd.
Bosch Ltd.
Brahmaputra Cracker and Polymer Ltd.
Covalent Laboratories Pvt. Ltd.
Deccan Fine Chemicals (I) Pvt. Ltd.
Department of Atomic Energy
Dhanuka Laboratories Ltd.
Dr. Reddy's Laboratories Ltd.
Essar Oil & Gas Exploration & Production Ltd.
Ellenbarrie Industrial Gases Ltd.
Emcure Pharmaceutical Ltd.
Eternis Fine Chemicals Ltd.
FIAT India Automobiles Pvt. Ltd.
FMC Corporation India Pvt. Ltd. (E. I. Dupont Ltd.)
Gujarat Alkalies & Chemicals Ltd.
Grasim Industries Ltd.
Gulbrandsen Pvt. Ltd.
Hindustan Petroleum Corporation Ltd.
Indian Oil Corporation Ltd.
INOX Air Products Ltd.
Indian Institute of Technology
Indian Space Research Organisation
Jindal Steel and Power Ltd.
JK Cement Ltd.
JK Paper Ltd.
Kanoria Chemicals and Industries Ltd.
Kirloskar Pneumatic Co. Ltd.
Linde Ltd.
Lubrizol India Pvt. Ltd.
Meril Life Sciences Pvt. Ltd.
Nector Lifesciences Ltd.
Nuclear Power Corporation of India
ONGC Petro Additives Ltd. (OPAL)
Parabolic Drugs Ltd.
Praxair India Pvt. Ltd.
Paushak Ltd.
Piramal Pharma Ltd.
Reliance Industries Ltd.
Shriram Institute for Industrial Resea
Shell-N-Tube Pvt. Ltd.
SI Group (I) Pvt. Ltd.
Sterling Biotech Ltd.
Sterlite Industries Ltd.
Sun Pharmaceutical Ind. Ltd.
Superform Chemistries Ltd.(UPL Lt
Tamil Nadu Newsprint & Paper Ltd.
Tata Steel Ltd.
Taiyo Nippon Sanso India Pvt. Ltd.
Teva Pharmaceutical Ind. Ltd.
The Fertilisers & Travencore Ltd.
Tinplate Co. of India Ltd.
USV Ltd.



and many more ...

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SARVESH ANALYTICS Pvt. Ltd.

Analysis Simplified

Sarvesh Analytics Pvt. Ltd. brings to you the complete range of Gas Analysers designed and developed indigenously. Our analysers have been running in a vide range of industries such as Air Separation Plant, Chemical Industries, Petrochemicals, Combustion etc. since 2007.

Our analysers are Accurate, Reliable and have the Least Cost of Ownership in this industry. These analysers are working in many critical applications and have an excellent proven track record for trouble-free operations.

Salient Features of ACCURRA series Gas Analyser

- Capability to Measure two Gases in a Sample
- Excellent PTR on the toughest of applications
- Industry Best Technical Support
- Sampling System designed for your Processes
- Optional Sample Pump and Auto-calibration
- Dual Range isolated 4-20 mA O/p with Range ID Relay
- Modbus RTU over RS 485
- Dual Level Password protection
- Calibration Check & Hardware Diagnostics Menu
- Alarm & Calibration History
- Output Hold / Freeze during Calibration
- User Configurable 4-20mA output range
- User Configurable Alarm Set Points as Lo - LoLo / Lo - Hi / Hi - HiHi

ACCURRA - S

Online Process Gas Analyser - Safe Area



- Trace Measurement of O2, CO, CO2 .
- Percentage or Purity of O2, CO, CO2, CH4 .
- Purity O_2 measurement - 95 - 100% with Ambient Pressure and Temperature compensation
- Trace measurement of Dew Point in He / Ar / N2 / O2 / CO2

ACCURRA - TCD

Online Binary Gas Analyser - Safe Area



- Thermal Conductivity based Binary Gas Analyser
- Measurement of H2, He, Ar, N2, N2O, Ne, Kr
- Does not require any Reference Gas
- Linearity and Repeatability < 1% of Range
- Response Time - T90 < 30 sec @ 0.6 LPM
- Errors & Drift < 2 % of the Range

ACCURRA - S 3090

Online Oxygen Purity Analyser - Safe Area



- Electrochemical OR Paramagnetic based Purity O_2 Gas Analyser
- Ambient Pressure and Temperature compensated Reading
- Repeatability < 0.5%
- Response Time-T90 < 20 sec @ 1 LPM
- Errors & Drift < 0.5 %

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ACCURRA - S

Online Dual Gas Analyser - Safe Area



- Capability to measure Two Gases
- Trace Measurement of O2, CO, CO2
- Trace Measurement of O2 and Dew Point
- Percentage or Purity of CO, CO2, CH4

ACCURRA - Zr

Flue Gas Analyser - Safe Area

- Zirconia based % Oxygen Measurements
- Suitable for furnaces and boilers
- Single Point Calibration with Air
- Built in Auto Blowback
- Option for High Dust Load Sample
- Option for High temperature up to 1400°C



ACCURRA - Hz

Hazardous Area Process Gas Analyser







- Trace Measurement of O2, CO, CO2.
- Percentage or Purity of CO, CO2, H2
- Calibration Possible w/o opening covers
- Purity O2 measurement with Ambient Pressure and Temperature compensated
- Enclosure Certification: Gas Group IIC Zone 1 & 2, T6 as per IS/IEC 60079-1:2014

INFINITY - Tx

Hazardous Area Gas Transmitter





- % Oxygen Measurements
- Trace Measurements of CO
- Loop Powered 2 - wire Transmitter
- With Inbuilt Filter and Scrubber
- Suitable for even very Low Flow / Pressure Sample
- Suitable for Direct Field Installation

SARVESH ANALYTICS Pvt. Ltd.

Analysis Simplified

Sarvesh Analytics Pvt. Ltd. brings to you the most Simplified yet the Powerful and Advanced Sample Handling Systems and Components. These have been designed and developed by our in-house R&D teams, after years of on-field trials.
They are packaged in compact forms which are easy to Install and Commission. These new age Systems reduces integration time and space, making an excellent ownership experience.

i-CONS



Smart Sample Conditioner



- Plug and Play Complete Sample Handling system
- Compact and Smart Peltier Based System
- Built in Sample Pump, Peristaltic Pump, Condensate Detector, Flow detector, Autocal Solenoid Valves and Fine Filter
- Control output for Heated Hose, Blowback, Sample and Calibration Solenoid Valves
- Remote Monitoring with Modbus RTU over RS 485
- Faster Integration Time
- Consumes Less Panel Space

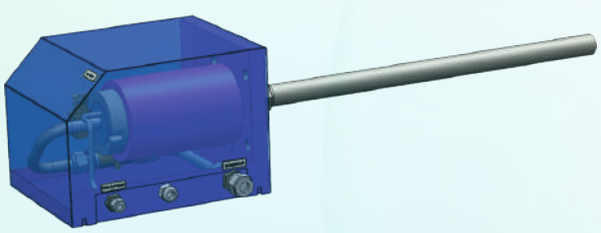
SGI-300



Peltier Based Sample Cooler

- Compact Peltier Cooler with Solid heat exchanger with PTFE MOC
- Integrated Peristaltic Pump, Filter and Condensate Detector
- Relay Output to Control Sample Pump based on Condensate / Cooler Temperature
- Reduces Tubing and Electrical
- Faster Integration Time
- Consumes Less Panel Space

SP-300 Heated Probe
SP-200 Non-Heated Probe



Safe Area Sample Probe

- Separate Sample and Blowback Back Line for Efficient Blowback
- Non Return Valve in Sample Line eliminates the need of Heated Solenoid or Air Operated Valve
- Blowback Line is of 1/2" for efficient cleaning
- SS 316 SINTERED Filter ensures long life and easy cleaning
- Available probe MOC - SS316, Inconel, Hasteloy, Ceramic

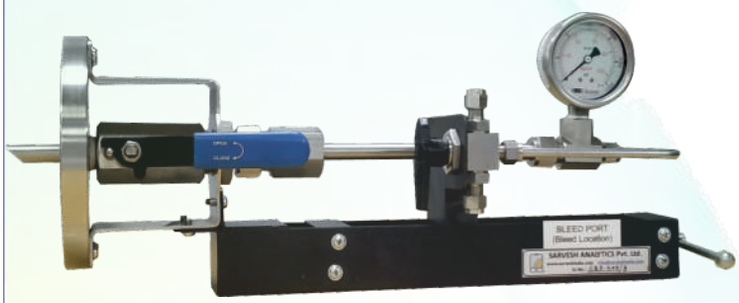
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SRP-400

Retractable Sample Probe



- Non- Fly of Design; No Welding on the Sample Path
- Separate Sample and Bleed port
- Pressure indication for Safe Bleed
- Orifice Controlled Safe Bleed
- Consumes Less Panel Space

SV-400

Sample Vaporiser



- Vaporises condensed sample on the go, for Accurate wet Analysis
- No Loss of Sample
- Super Efficient Heat Exchanger, Consumes only 50W
- Solid SS316 Heat Exchanger
- User programmable Temperature set point

Sarvesh Analytics Pvt. Ltd. have been providing products and solutions since 2002. In these many years we have had the opportunity to do many prestigious and successful **Applications**. We have an exhaustive application list in almost all the industry segment. Some of our applications are mentioned below:



Gas Purity Measurements, O2, CO2, etc.
Trace Impurities in N2, O2, CO, CO2, H2, Ar, He
Dew point measurements
Measurement of Welding and Laser gases

Scrubbers Efficiency Monitors
O2, H2 and Trace Moisture in Furnaces
Thermal Oxidsers
Boiler Efficiency Monitoring: O2

O2 Measurements in Fibre Optic
% CO and CO2 in Cable Certification
Trace Measurement of O_2 in Hydrogenation
O2 and H2 in Electrolysis Plant

Trace O2 in Polymerisation
O2 in Merox
O2 and H2 in Steel Making
Trace moisture in Process gas

O2 Measurements in autoclave, Spray dryers etc.
O2 measurement in Nitrogen Blanketing
Safety Monitoring in Hazardous Processes
Safety Monitoring in Pharmaceutical processes

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HeadlineFilters



Filters for Process Gases



Filters for Gas & Liquid Analysis



Filters for Vacuum Pumps

SARVESH ANALYTICS Pvt. Ltd. is the Exclusive Dealer of M/s Headline Filters Ltd. UK products for the Indian subcontinent. Headline Filters are the largest European manufacturer of Bonded Microfiber Filter Elements and associated Filter Housings for a variety of Industries and Applications.

If you want a Filter from the original manufacturer, look no further than Headline Filters. If your application is Gas or Liquid handling, and you need PARTICULATE , COALESCING or a PTFE MEMBRANE for protection of Analysers, Valves or Regulators, we have a Filter for you which meets your requirement.

We supply Disposable Inline Filters & Absorbers, Emission Filters, Compressed Air Filters, Gas Filters, Stainless Steel Filters, Exotic Filters, Analyzer Filters, Guardian Membrane Separators, Fast Loop Filters, High Pressure Filters, Natural Gas Filters, Plastic Filter Housings, Adsorption Filters, Dehydration Filters, and more.

Housing Material available in
SS316, Monel, Hastelloy, PTFE, PVDF(Kynar), Polypropylene, Nylon, Aluminium, etc.
Elements available in SS316, PTFE, Glass Microfibre, Monel, Hastelloy
Various Scrubber elements available

Max Pressure: 700 Bar **Max Temperature: 500°C**

Notes: - The final responsibility to check whether this product meets the requirement of the Process and / or Analyser remains solely with the customer.
- M/s SARVESH ANALYTICS PVT. LTD. has a policy of continuous improvement of product & services and hence reserves the right to change the specifications and features without prior notice.

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SARVESH ANALYTICS Pvt. Ltd.

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