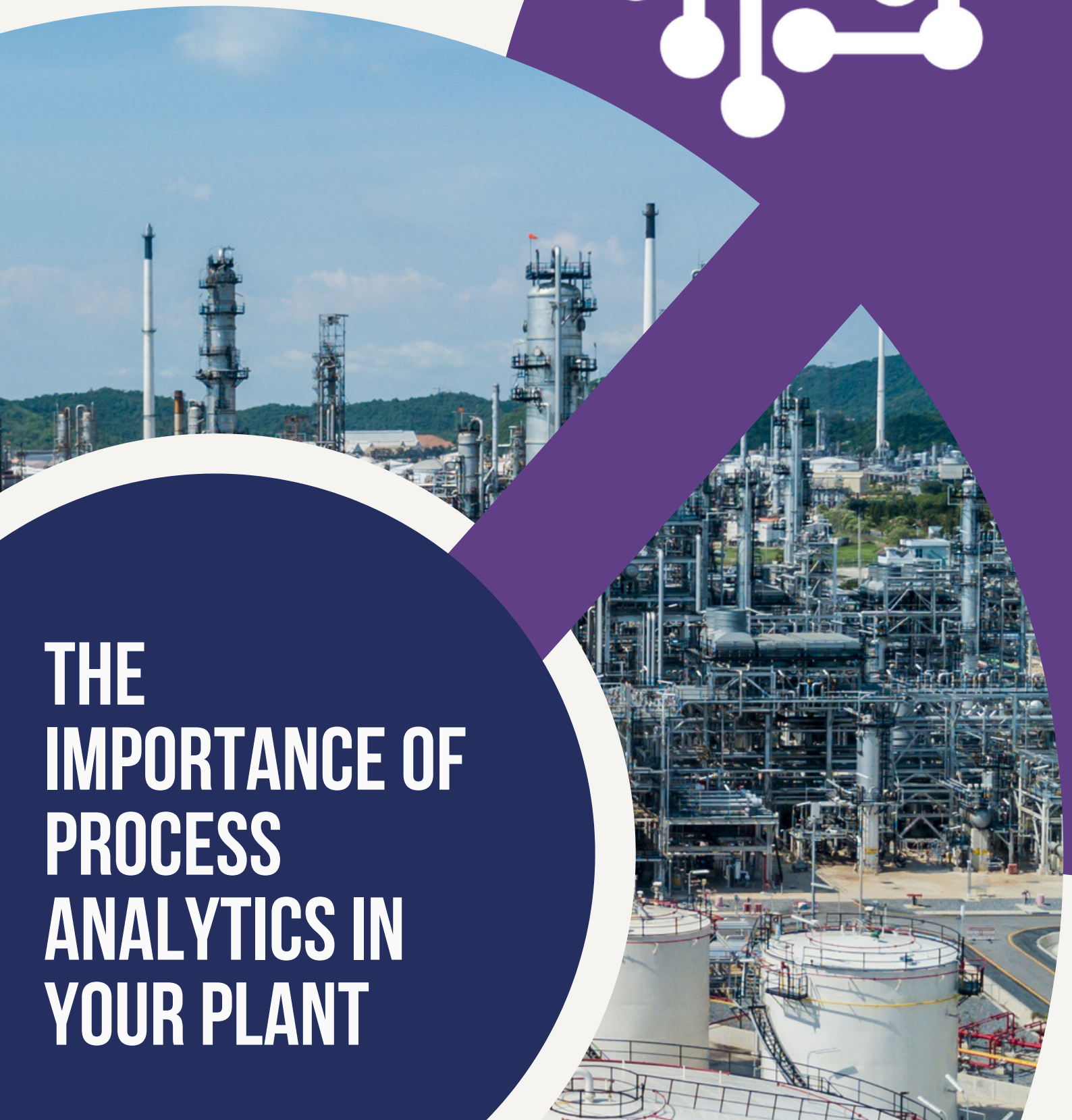


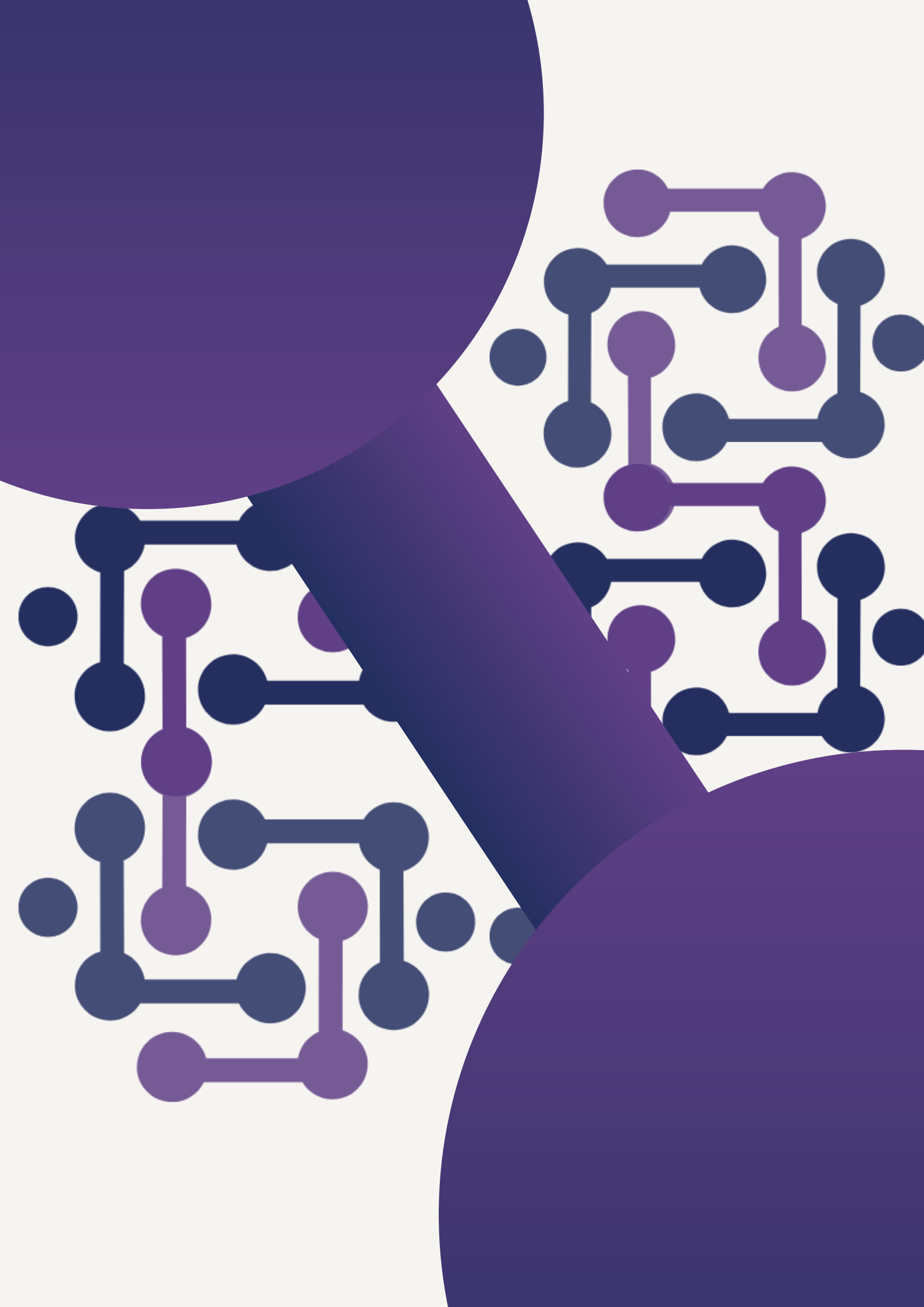


**PROCESS
INSTRUMENT
SOLUTIONS**



THE IMPORTANCE OF PROCESS ANALYTICS IN YOUR PLANT







EMPOWERING INDUSTRIES WITH REAL-TIME PROCESS ANALYTICS

At Process Instrument Solutions, our Process Analytics solutions empower industries to achieve greater precision, efficiency, and compliance. Whether analysing gases or liquids, real-time process analytics provide critical insights that enhance product quality, optimise operations, and ensure regulatory adherence. Explore our cutting-edge solutions designed to meet the evolving demands of your industry with confidence and reliability.

CUSTOMISED ANALYSIS REQUIREMENTS



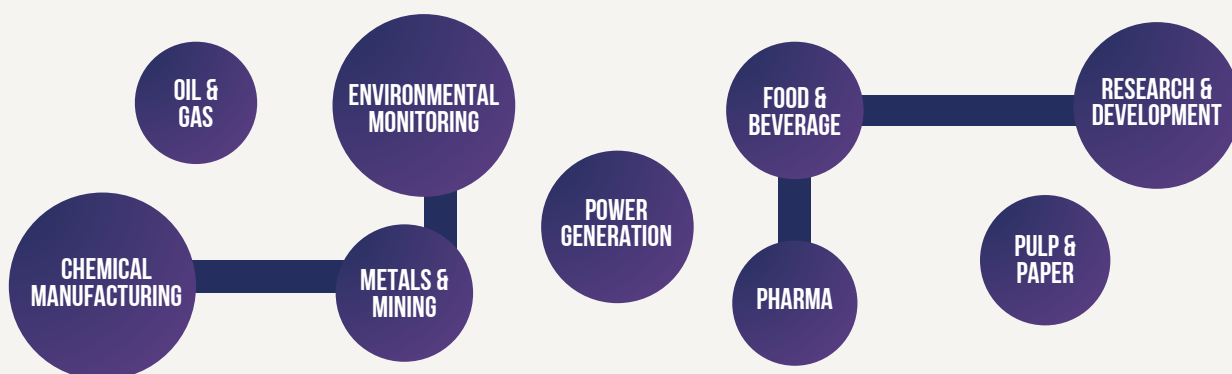
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GAS ANALYTICS

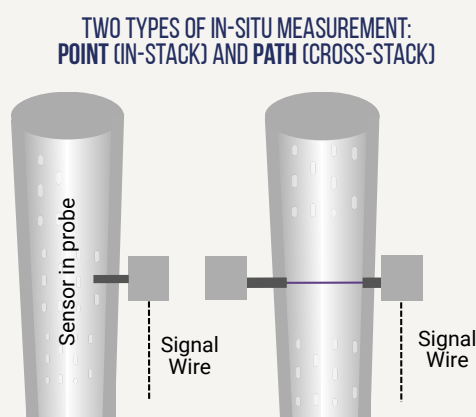
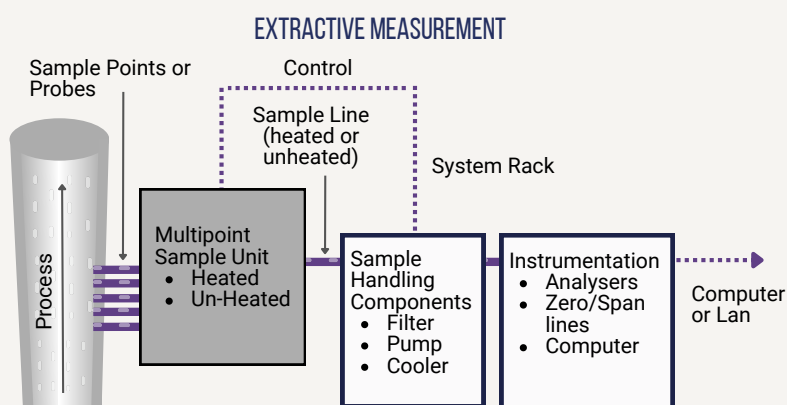
Accurately analysing process gases is a complex challenge that demands highly precise measurements to ensure reliable results. We provide industry-leading expertise and advanced analytical solutions tailored to your specific needs. Whether optimising efficiency, ensuring product quality, or meeting stringent regulatory requirements, our team supports you every step of the way.

INDUSTRIES THAT CAN BENEFIT FROM GAS ANALYTICS



EXTRACTIVE VS. IN-SITU CONTINUOUS GAS ANALYSIS

Continuous gas analysis provides real-time monitoring by extracting samples for analysis, making it ideal for precise, long-term process control. In contrast, in-situ gas analysis measures directly within the process, offering faster response times and minimal sample handling. The best choice depends on your application—continuous systems suit complex, high-accuracy needs, while in-situ solutions excel in rapid, on-site measurements.



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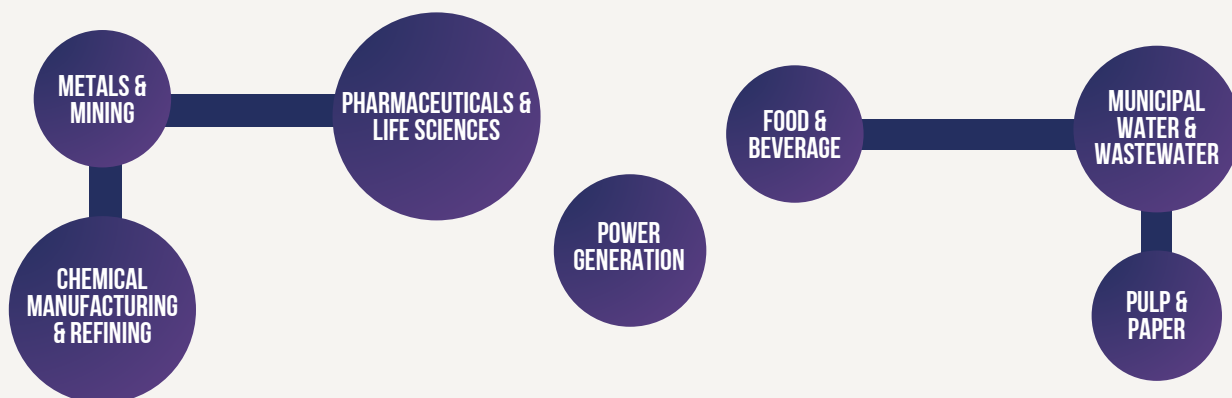
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LIQUID ANALYTICS

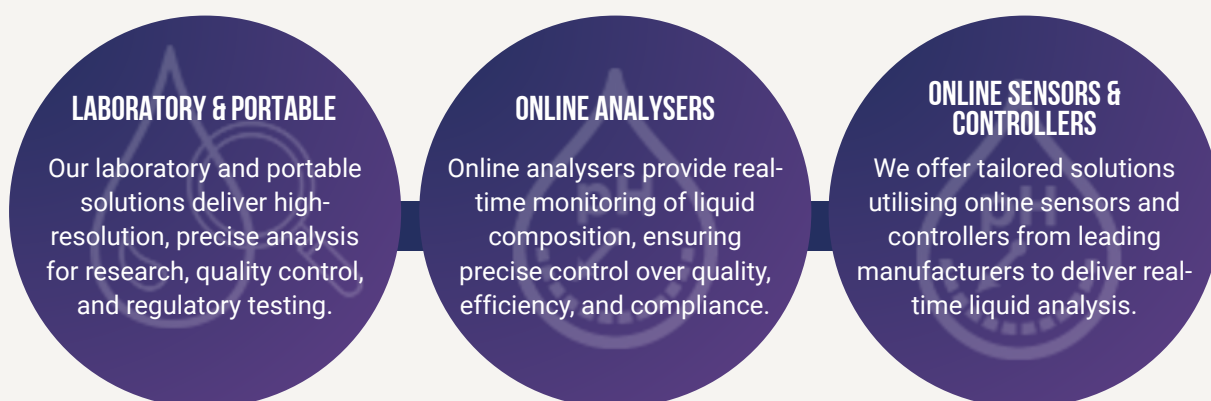
Precise liquid analysis is essential for maintaining product quality, process efficiency, and regulatory compliance. We provide advanced analytical technologies and industry expertise to ensure accurate monitoring of composition, purity, and contaminants. Whether you're optimising production, improving safety, or meeting strict regulatory standards, our tailored solutions deliver reliable, real-time insights. With our support, you can achieve greater efficiency, reduce waste, and maintain full compliance with confidence.

INDUSTRIES THAT CAN BENEFIT FROM LIQUID ANALYTICS



COMPREHENSIVE LIQUID ANALYSIS SOLUTIONS

Continuous gas analysis provides real-time monitoring by extracting samples for analysis, making it ideal for precise, long-term process control. In contrast, in-situ gas analysis measures directly within the process, offering faster response times and minimal sample handling. The best choice depends on your application—continuous systems suit complex, high-accuracy needs, while in-situ solutions excel in rapid, on-site measurements.



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SYSTEM INTEGRATION

At Process Instrument Solutions, our Systems Integration services in Process Analytics are designed to deliver complete, tailored solutions that seamlessly connect measurement technologies with your process operations.

From initial concept to engineering, installation, and commissioning, we specialise in integrating analytical instruments into fully functional systems that meet your specific performance, compliance, and operational goals. Whether you need a standalone analyser setup or a complex, multi-stream solution, we ensure accuracy, reliability, and efficiency at every stage.

ANALYSER SYSTEMS

We provide reliable analyser systems for gas & liquid analysis, emissions monitoring, and process control. Our solutions offer accurate measurement, easy integration, and full lifecycle support.

PACKAGED ANALYSER HOUSES

We provide fully engineered Packaged Analyser Houses, offering a turnkey solution for safely housing and operating analyser systems in harsh or hazardous environments.

SAMPLE SYSTEMS

We offer precision-engineered Sample Systems for process analytics, designed to ensure accurate, reliable sampling and measurement across a wide range of industrial applications.

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ANALYTICAL APPLICATION SETS

We offer cost-effective Siemens standardised systems—proven, reliable solutions that complement customised options and deliver efficient automation, monitoring, and control. Tested in real-world conditions and continuously refined, these systems boost productivity, ensure compliance, and support long-term performance.



CONTINUOUS EMISSIONS MONITORING CEM

Set CEM CERT is a certified, standardised CEMS solution designed to help plants comply with EU Directive 2010/75/EU on industrial emissions.



BIOGAS SET BGA

Biogas SET includes all necessary components in a compact, easy-to-configure design that simplifies planning, installation, training, and maintenance.



ENERGY: SET GGA

The Energy SET GGA is a standardised solution for controlling hydrogen-cooled turbo generators, enhancing efficiency in power plants.



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